

******SAFETY DATA SHEET*****

	1. PRODUCT INFORMATION				
1.1	Product Name: PULP RIOT DRY SHAMPOO – HARRIS WELLA ROOT SHOOT TYPE				
1.2	Product Identification: 222-7B				
1.3	Recommended Use / Product Use: Hair Care				
1.4					
1.5					
1.6					
1.7					

2. HAZARDOUS INGREDIENT INFORMATION

SECTION 2.1

Classification: Extremely Flammable aerosol,

Category 1

Hazard Code: H223 Signal Word: Danger

Hazard Statement: Pressurized container: May burst

if heated



Precautionary Code: Precautionary Statements:

P210: Keep Away From Heat/sparks/open flames/hot surfaces. No smoking.

P211: Do not spray on an open flame or other

ignition source.

P251: Do not pierce or burn, even after use.

P410: Protect from sunlight.

P412: Do not expose to temperatures exceeding 50°C/122°F.

• Aerosols with ≥ 85% flammable components and a heat of combustion of more than 30 kJ/g

2.2	HEALTH	ENVIRONMENTAL	PHYSICAL
	There is no data on the product itself = ND	There is no data on the product itself = ND	Pressurized Container: May Burst if Heated: H229

3. COMPOSITION/INFORMATION ON INGREDIENTS: Mixture / CBI

NOTE: For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.

SAFETY DATA SHEET

Page 1 of 6 **2K-037**

		1.	PRODUC	CT & COM		IDE	1 4 1 1 1	-ICA		IN					
1.1	Product Name:	SIX													
1.2	Chemical Name:	NA													
1.3	Synonyms:	Pulp Riot													
1.4	Trade Names:		6 Vol. Cream Developer (1.8%)												
1.5	Product Use:		Professional or Cosmetic Use Only												
1.6	Distributor's Name:														
1.7	Distributor's Address:														
1.8	Emergency Phone:	CHEMTEL	.: +1 (800) 2	55-3924 / +	-01-813-	248-0	585								
1.9	Business Phone / Fax:	, ,	,	,											
			2 ⊔	AZARDS	IDENIT	TEIC	Λ TΙ <i>(</i>) N							
2.1	Hazard Identification:	This product							Т оо	DANC	- DOI	IC CO	ODC .	a a a a r di	oa to th
2.1	Tazar toonincasii.	classification WARNING!	is classified a criteria of NOH CAUSES SERI : Eye Irrit. 2; SI	ISC: 1088 (200 IOUS EYE IRF	04) and Al	OG Cod	e (Aus	tralia)				13 GO	ODS (accordii	ing to the
2.2	Label Elements:	Precautionar gloves and e present and advice/attent Store locked	ments (H): H31 y Statements (eye/face protection of the comment o	P): P264 – W ction. P305+ Continue rinsii 13 – If eye ir	ash thoro P351+P33 ng. P332 ritation pe	ughly a 38 – IF +P313 ersists:	fter ha IN E` – If sl Get m	ındling YES: I kin irrit edical	P28 Removation advice	0 – W re con occurs e/atten	ear pr tact le : Get tion.	otectivenses, medica P405	if al –	<	
disposal facility (TSDF). 2.3 Other Warnings: Keep out of reach of children. Preliminary patch testing is recommended. Tattoos, including black and temphenna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attemption of the product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.															
		This product	must not be us	ed for dyeing	the eyelas	hes or e	eyebro	ws; to	do so	may c					
		This product		ed for dyeing	the eyelas	hes or e	eyebro	ws; to	do so	may c	ause t		ess.		
		This product	must not be us	ed for dyeing	the eyelas	hes or e	INF	ws; to	do so	may colored	ause t	olindne	eSS.		
		This product	must not be us	ed for dyeing	the eyelas	lENT	INF	ORI	MAT EXPO NOHSO ppm	ION	ause t	olindne	eSS.		
CHEM	ICAL NAME(S)	3. Co	OMPOSIT	ION & IN	GRED	IENT	INF	ORI	MAT EXPO	ION SURE L	imits ii	N AIR (m OSHA ppm	ess.	-	
	ICAL NAME(S)	This product	must not be us	ed for dyeing	the eyelas	IENT	INF	ORI	MAT EXPO NOHSO ppm	ION	ause t	N AIR (m OSHA	ng/m³)	-	OTHER
	ICAL NAME(S)	3. Co	OMPOSIT	TON & IN	GRED %	IENT ACC PP TLV	INF GIH om STEL	ORI ES- TWA	MAT EXPO	ION SURE L ES- PEAK	IMITS II	N AIR (m OSHA ppm	ig/m³)		
AQUA		3. Co	OMPOSIT	TON & IN	GRED %	IENT ACC PP TLV	INF GIH om STEL	ORI ES- TWA	MAT EXPO	ION SURE L ES- PEAK	IMITS II	N AIR (m OSHA ppm	ig/m³)	MIST	
AQUA PARA	(WATER/EAU)	3. Co	PY8030000	TON & IN EINECS No. 231-791-2	GRED % 75-90	ACC PP	INF GIH DIM STEL NA	ORI ES- TWA NF	MAT EXPO NOHSO ppm ES- STEL NF	ION SURE L ES- PEAK NF	IMITS II PEL NA	N AIR (m OSHA ppm STEL NA	ess.		
AQUA PARA (MINE	(WATER/EAU) FFINUM LIQUIDUM FRAL OIL)	This product 3. Co CAS No. 7732-18-5	PY8030000	TON & IN EINECS No. 231-791-2	GRED % 75-90	ACC PP	INF GIH DIM STEL NA	ORI ES- TWA NF	MAT EXPO NOHSO ppm ES- STEL NF	ION SURE L ES- PEAK NF	IMITS II PEL NA	N AIR (m OSHA ppm STEL NA	ess.		
AQUA PARA (MINE	(WATER/EAU)	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5	RTECS No. ZC0110000 PY8030000 H304 NA	EINECS No. 231-791-2 232-384-2 222-981-6	### Reveloped	IENT ACC PP TLV NA 5	INF GIH OM STEL NA 10 NA	ORI ES- TWA NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5	ES-PEAK NF	IMITS II PEL NA 5	N AIR (m OSHA ppm STEL NA	ig/m³) IDLH NA 2500		
AQUA PARA (MINE DECY	(WATER/EAU) FFINUM LIQUIDUM FRAL OIL)	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; h	PY8030000	EINECS No. 231-791-2	### Revelas GRED	ACC PP TLV NA	INF GIH DM STEL NA	ORI ES- TWA NF	MAT EXPO NOHSC ppm ES- STEL NF	ION SURE L ES-PEAK NF	IMITS II PEL NA	N AIR (m OSHA ppm STEL NA	ess. IDLH NA 2500		
AQUA PARA (MINE	(WATER/EAU) FFINUM LIQUIDUM FRAL OIL) 'L OLEATE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4	RTECS No. ZC0110000 PY8030000 1304 NA	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0	### Revelas ### R	ACC PPP TLV NA 5	INF GIH STEL NA 10 NA	ORI ES- TWA NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5	ES-PEAK NF NF	PEL NA 5 NA NA	N AIR (m OSHA ppm STEL NA 10 NA	iDLH NA 2500 NA NA		
AQUA PARA (MINE DECY	(WATER/EAU) FFINUM LIQUIDUM FRAL OIL) 'L OLEATE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5	RTECS No. ZC0110000 PY8030000 H304 NA	EINECS No. 231-791-2 232-384-2 222-981-6	### Reveloped	IENT ACC PP TLV NA 5	INF GIH OM STEL NA 10 NA	ORI ES- TWA NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5	ES-PEAK NF	IMITS II PEL NA 5	N AIR (m OSHA ppm STEL NA	ig/m³) IDLH NA 2500		
AQUA PARA (MINE DECY CETY	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5	RTECS No. ZC0110000 PY8030000 1304 NA MM0225000 RG2010000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6	% 75-90 3-10 1-5 1-5	ACC PPP TLV NA 5 NA NA	INF GIH DIM STEL NA 10 NA NA NA	ES-TWA NF NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5 NF	ES-PEAK NF NF NF	PEL NA 5 NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA	ig/m³) IDLH NA 2500 NA NA		
AQUA PARA (MINE DECY CETY	(WATER/EAU) FFINUM LIQUIDUM FRAL OIL) 'L OLEATE L ALCOHOL	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1	MINION NO PRICE NO. ZC0110000 PY8030000 NA NA MM0225000 RG2010000 MX0900000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0	### Revelas ### R	ACC PPP TLV NA 5 NA NA	INF GIH STEL NA 10 NA	ES-TWA NF NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5	ES-PEAK NF NF	PEL NA 5 NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA	iDLH NA 2500 NA NA		
PARA MINE DECY CETY STEA	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H	MINA MX0900000 MX09000000 MX0900000 MX090000 MX090000 MX090000 MX090000 MX090000 MX090000 MX09000 MX090000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX0900 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX0900 MX0900 MX0900 MX0900 MX0900 MX090 MX0900 MX090 MX090 MX0900 MX090	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6	% 75-90 3-10 1-5 1-5 1-3.3	ACC PPP TLV NA S NA NA NA NA (1.4)	INF GIH STEL NA 10 NA NA NA	ES-TWA NF NF NF NF (1.4)	MAT EXPC NOHSC ppm ES- STEL NF NF NF	ION SURE L ES-PEAK NF NF NF NF	PEL NA S NA NA NA (1.4)	N AIR (m OSHA ppm STEL NA 10 NA NA	iDLH NA 2500 NA NA NA 75		
PARA MINE DECY CETY STEA	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1	MINION NO PRICE NO. ZC0110000 PY8030000 NA NA MM0225000 RG2010000 MX0900000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6	% 75-90 3-10 1-5 1-5	ACC PPP TLV NA 5 NA NA	INF GIH DIM STEL NA 10 NA NA NA	ES-TWA NF NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5 NF	ES-PEAK NF NF NF	PEL NA 5 NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA	ig/m³) IDLH NA 2500 NA NA		
PARA (MINE DECY CETY STEA HYDF	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H	MINA MX0900000 MX09000000 MX0900000 MX090000 MX090000 MX090000 MX090000 MX090000 MX090000 MX09000 MX090000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX0900 MX09000 MX09000 MX09000 MX09000 MX09000 MX09000 MX0900 MX0900 MX0900 MX0900 MX0900 MX090 MX0900 MX090 MX090 MX0900 MX090	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6	% 75-90 3-10 1-5 1-5 1-3.3	ACC PPP TLV NA S NA NA NA NA (1.4)	INF GIH STEL NA 10 NA NA NA	ES-TWA NF NF NF NF (1.4)	MAT EXPC NOHSC ppm ES- STEL NF NF NF	ION SURE L ES-PEAK NF NF NF NF	PEL NA S NA NA NA (1.4)	N AIR (m OSHA ppm STEL NA 10 NA NA	iDLH NA 2500 NA NA NA 75		
PARA (MINE DECY CETY STEA HYDF	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H: 61791-12-6 59186-41-3	MX0900000 MX0900000 MX0900000 MX0900000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 231-765-0 NA	STATE	ACC PPP TLV NA S NA NA NA NA NA	INF GIH DM STEL NA 10 NA NA NA NA	ES-TWA NF NF NF NF NF NF	MAT EXPC NOHSC ppm ES- STEL NF NF NF NF NF	ES-PEAK NF NF NF NF NF	PEL NA S NA NA NA NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA NA	IDLH NA 2500 NA NA NA NA NA		
AQUAPARA (MINE DECY STEA HYDE PEG-4 SODII	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H: 61791-12-6	PY8030000 PY8030000 AMM0225000 RG2010000 MX0900000 MX0900000 MX	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 231-765-0 NA	% 75-90 3-10 1-5 1-5 1-3.3 <1.0	ACC PPP TLV NA S NA NA NA NA NA	INF GIH STEL NA 10 NA NA NA NA	ES-TWA NF NF NF NF NF NF	MAT EXPC NOHSC ppm ES- STEL NF NF NF NF	ES-PEAK NF NF NF NF	PEL NA S NA NA NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA NA	IDLH NA 2500 NA NA NA NA NA		
AQUA PARA (MINE DECY CETY STEA HYDF PEG-4 SODII DISOI	A (WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL UM CETEARYL SUFATE DIUM EDTA	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H: 61791-12-6 59186-41-3	RTECS No. ZC0110000 PY8030000 RG2010000 RG2010000 RG2010000 NA NA NA NA NA NA NA	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 NA NA 205-358-3	### syelas **GRED	ACC PPP TLV NA S NA NA NA NA NA	INF GIH DM STEL NA 10 NA NA NA NA NA	ES-TWA NF NF NF NF NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5 NF NF NF NF NF	MAY COLOR MAY CO	PEL NA S NA NA NA NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA NA	IDLH NA 2500 NA NA NA NA NA NA		
AQUA PARA (MINE DECY STEA HYDE SODII DISOI	(WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL UM CETEARYL SUFATE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H: 61791-12-6 59186-41-3 139-33-3	RTECS No. ZC0110000 PY8030000 RG2010000 RG2010000 NA NA NA NA NA UX7350000 RG20000000 RG2010000 RG20100000 RG2010000 RG20100000 RG2010000 RG2010000 RG20100000 RG20100000 RG20100000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 231-765-0 NA	STATE	ACC PP TLV NA 5 NA NA NA NA NA	INF GIH DM STEL NA 10 NA NA NA NA	ES-TWA NF NF NF NF NF NF NF	MAT EXPC NOHSC ppm ES- STEL NF NF NF NF NF	ES-PEAK NF NF NF NF NF	PEL NA 5 NA NA NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA NA	IDLH NA 2500 NA NA NA NA NA		
AQUAPARA AQU	A (WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE L ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL UM CETEARYL SUFATE DIUM EDTA ASODIUM PHOSPHATE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H 61791-12-6 59186-41-3 139-33-3 7722-88-5	RTECS No. ZC0110000 PY8030000 RG2010000 RG2010000 NA NA NA NA NA UX7350000 RG20000000 RG2010000 RG20100000 RG2010000 RG20100000 RG2010000 RG2010000 RG20100000 RG20100000 RG20100000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 NA NA 205-358-3	### syelas **GRED	ACC PP TLV NA 5 NA NA NA NA NA	INF GIH DM STEL NA 10 NA NA NA NA NA	ES-TWA NF NF NF NF NF NF NF	MAT EXPO NOHSO ppm ES- STEL NF 5 NF NF NF NF NF	MAY COLOR MAY CO	PEL NA 5 NA NA NA NA NA	N AIR (m OSHA ppm STEL NA 10 NA NA NA	IDLH NA 2500 NA NA NA NA NA NA		
PARA (MINE DECY CETY STEA HYDE SODII DISOI	A (WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE IL ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL UM CETEARYL SUFATE DIUM EDTA ASODIUM	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H: 61791-12-6 59186-41-3 139-33-3 7722-88-5 Eye Irrit. 2; H: 2809-21-4	MINA	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 231-765-0 NA NA 205-358-3 231-767-1 220-552-8	### Reveloped	HENT ACC PP TLV NA S NA NA NA NA NA NA NA NA	INF GIH DIM STEL NA 10 NA NA NA NA NA	ES-TWA NF NF NF NF NF S S S S S S S S S S S S	MAT EXPC NOHSC ppm ES- STEL NF 5 NF NF NF NF NF	MAY COLOR MAY CO	PEL NA 5 NA NA NA NA NA S 5	N AIR (m OSHA ppm STEL NA 10 NA NA NA NA	IDLH NA 2500 NA NA NA NA NA		
AQUARA PARA PARA PARA PARA PARA PARA PARA	A (WATER/EAU) IFFINUM LIQUIDUM ERAL OIL) IL OLEATE L ALCOHOL RYL ALCOHOL ROGEN PEROXIDE 40 CASTOR OIL UM CETEARYL SUFATE DIUM EDTA ASODIUM PHOSPHATE	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 3687-46-5 36653-82-4 112-92-5 7722-84-1 Eye Irrit. 2; H: 61791-12-6 59186-41-3 139-33-3 7722-88-5 Eye Irrit. 2; H: 2809-21-4	MINA NA UX7350000 SZ8562100 Acute Tox. 4; Eye TB6300000	EINECS No. 231-791-2 232-384-2 222-981-6 253-149-0 204-017-6 231-765-0 NA NA 205-358-3 231-767-1 220-552-8	### Reveloped	HENT ACC PP TLV NA S NA NA NA NA NA NA NA NA	INF GIH DIM STEL NA 10 NA NA NA NA NA	ES-TWA NF NF NF NF NF S S S S S S S S S S S S	MAT EXPC NOHSC ppm ES- STEL NF 5 NF NF NF NF NF	MAY COLOR MAY CO	PEL NA 5 NA NA NA NA NA S 5	N AIR (m OSHA ppm STEL NA 10 NA NA NA NA	IDLH NA 2500 NA NA NA NA NA		

SAFETY DATA SHEET

Page 2 of 6 2K-037

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0

			4. FIRST AID MEASURES	
4.1	First Aid:		If ingested, do not induce vomiting. If product has been swallowed, drink plenty IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give vunconscious person. Contact the nearest Poison Control Center or local emergency nuestimate of the time at which the material was ingested and the amount of the su	water or milk to a milk to a milk to a
		Eyes:	swallowed. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts.	ounts of lukewar
		Skin:	water for at least 15 minutes. Seek immediate medical attention. If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, follo washing of the affected area with soap and water. If irritation, redness or swelling	
			physician immediately. Remove victim to fresh air at once.	
4.2	Effects of Exposure:	Eyes:	If product is swallowed, may cause nausea, vomiting and/or diarrhea. Moderately irritating to the eyes. Symptoms of overexposure may include redness, its watering.	-
		:	May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, w some sensitive individuals. None expected.	veits, dermatitis)
4.3	Symptoms of Overexposure:	Overexposure include rednes	e in eyes may cause severe damage, redness, itching and watering. Symptoms of skin ess, itching, and irritation of affected areas. The product can cause allergic skin react itis) in some sensitive individuals.	overexposure maions (e.g., rashe
4.4	Acute Health Effects:	Severe irritation	ion to eyes. Symptoms of overexposure may include redness, itching, stinging, irrital ation to skin near affected areas.	tion and waterin
4.5	Chronic Health Effects:		chronic health effects are expected to occur from a single accidental ingestion.	
4.6	Target Organs:	•	espiratory System	
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, other skin conditions, and disorders of the (eyes, skin, and respiratory system).	1
		target organis (FLAMIMABILITY	0
			PHYSICAL HAZARDS	1
			PROTECTIVE EQUIPMEN	IT B
			EYES SKIN	
			5. FIREFIGHTING MEASURES	
5.1	Fire & Explosion Hazards:	This product is	s not flammable.	
5.2	Extinguishing Methods:		f permitted), Dry Chemical, Foam, as authorized.	
5.3	Firefighting Procedures:			
J.J		demand) and the spray to cool fifting control or configurations.	re, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained laratus to protect against potential hazardous combustion or decomposition products efficiencies.	101
		demand) and spray to cool fi fire control or of Firefighters multiple breathing apparand oxygen de	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products	101
6.1	Spills:	demand) and a spray to cool fifice control or of Firefighters must breathing apparand oxygen de	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate P	ersonal Protecti
		demand) and is spray to cool fifer control or of Firefighters must breathing apparand oxygen demand	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES	goggles, glove; ial and place in dederal regulation any contaminate tain spill with in naterial to separa
		demand) and spray to cool fife control or of Firefighters must breathing apparand oxygen demands	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate Portion (e.g., organics such as oil) away from spill. It is (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., nitilation (open doors and windows). Remove spilled material with absorbent material cosed container(s) for disposal. Dispose of properly in accordance with local, state and feeted areas and outside of container with plenty of warm water and soap. Remove wash thoroughly before reuse. Ils (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and container disposal. Remove contaminated clothing promptly and wash affected skin ar spills and cleaning runoffs out of municipal sewers and open bodies of water.	goggles, glove; ial and place in dederal regulation any contaminate tain spill with in naterial to separa
		demand) and is spray to cool fifice control or of Firefighters must breathing apparand oxygen demands oxygen de	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate Portion (e.g., organics such as oil) away from spill. It is (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., ntiliation (open doors and windows). Remove spilled material with absorbent material osed container(s) for disposal. Dispose of properly in accordance with local, state and footed areas and outside of container with plenty of warm water and soap. Remove wash thoroughly before reuse. Ils (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and container or proper disposal. Remove contaminated clothing promptly and wash affected skin ar spills and cleaning runoffs out of municipal sewers and open bodies of water. HANDLING & STORAGE INFORMATION Ink, or smoke while handling this product. Wash thoroughly after handling. Avoid contacting metals, dust and organic materials. Avoid contamination from any source, including metals, dust and organic materials.	goggles, gloverial and place in dederal regulation any contaminate tain spill with in naterial to separate eas with soap at with flammable
6.1	Spills:	demand) and is spray to cool fifice control or of Firefighters must breathing apparand oxygen demand	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained variatus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate PPE). Keep incompatible materials (e.g., organics such as oil) away from spill. Iills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., ntilation (open doors and windows). Remove spilled material with absorbent materiosed container(s) for disposal. Dispose of properly in accordance with local, state and feeted areas and outside of container with plenty of warm water and soap. Remove wash thoroughly before reuse. Ills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and container and or earth). Transfer liquid to containers for recovery or disposal and solid diking or proper disposal. Remove contaminated clothing promptly and wash affected skin ar spills and cleaning runoffs out of municipal sewers and open bodies of water. HANDLING & STORAGE INFORMATION Tink, or smoke while handling this product. Wash thoroughly after handling. Avoid contactinaterials. Avoid contamination from any source, including metals, dust and organic math unintentional residues with soap and warm water. The inaccol, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away frames. Avoid temperatures above 120 °F. Keep away from incompatible substances.	goggles, glovesial and place in ederal regulation any contaminate tain spill with in naterial to separate as with soap at with flammable aterials. Keep but any from excessi

SAFETY DATA SHEET

Page 3 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

		8. EXPOSURE CONT			KOON		KUIEC	HOIN			
8.1	Exposure Limits: ppm (mg/m ³)		AC	GIH I		NOHSC ES-	ES-		OSHA		OTHER
	ppiii (iiigiiii)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	STEL	PEAK	PEL	STEL	IDLH	
		PARAFFINUM LIQUIDUM (MINERAL OIL)	5	10	NF	5	NF	5	10	2500	MIST
		HYDROGEN PEROXIDE	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
		TETRASODIUM	` ′		, ,						
		PYROPHOSPHATE	5	NA	5	NF	NF	5	NA	NA	
0.0		PHOSPHORIC ACID	(1)	(3)	NF	NF	NF	NA	NA	1000	f\ F
8.2	Ventilation & Engineering Controls:	When working with large quantities that an eyewash station, sink or was							iaust ven	tilation,	tans). Ensu
8.3	Respiratory Protection:	No special respiratory protection							handling	ı. If	
		necessary, use only respiratory	protection	on autho	rized per	U.S. O	SHA's re	quiremen	t in 29	CFR	
		§1910.134, or applicable U.S. sta	te regula	tions, or	the approp	oriate sta	indards of	Canada,	its provi	nces,	
8.4	Cua Dratastian	E.C. member states, or Australia. AVOID EYE CONTACT DUE TO	IDDITA	TION D	TENTIAL	\//oor	protoctive		r /o.a. a	ofot.	
8.4	Eye Protection:	glasses with side-shield) at all tir	nes whe	n handlir	on large di	. wear	(e.g. > 1	e eyewea / gallon (r (e.g., s 3 8 1)) o	f this	
		product. Always use protective e									
		hazard; soft lenses may absorb an						'			
8.5	Hand Protection:	AVOID SKIN CONTACT DUE TO	SENSIT	IZING PO	TENTIAL	. If antic	ipated tha	t prolong	ed & repe	eated	
		skin contact will occur during use									line
		If necessary, refer to U.S. OSHA	29 CFR {	§1910.13	8, the app	ropriate	standards	of Canad	la, of the	E.C.	
8.6	Body Protection:	member states.	0511015		07511111						
0.0	Body Frotection.	AVOID SKIN CONTACT DUE TO required under typical circumstant									
		of Canada, the E.C. member state			nulling. II	liecessa	iy, ielei to	арргорг	ale starit	Jaius	
			-, -: -:-							Į.	
		9. PHYSICAL	& CH	EMIC	AL PRO	OPER	TIES				
9.1	Appearance:	White free flowing lotion									
9.2	Odor:	Characteristic									
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	NA									
9.7	Flashpoint:	NA									
9.8	Upper/Lower Flammability	NA									
0.0	Limits:										
9.9	Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	NA Dortiol to comprists									
9.12	Solubility: Partition Coefficient (log P _{ow}):	Partial to complete									
9.13	Autoignition Temperature:	NA NA									
9.14	Decomposition Temperature:	NA NA									
9.15	Viscosity:	NA NA									
9.17	Other Information:	NA									
0.17	Other information.	INA									
		10. STA	RII IT	V & R	FACTI	VITY					
10.1	Stability:	This product is stable.	DILII	1 4 1	LAUII	V I I I					
10.1	Hazardous Decomposition	Oxides of carbon (CO, CO ₂) and s	oulfur (CC) \ iba-	otion of ca	10 m: / rc r	ult in do-	norous s	0001120		
	Products:	(, =,	sulluf (50	ν ₂). Liber	auon or ga	is my res	uit iii dan(gerous pr	essure.		
10.3	Hazardous Polymerization:	Will not occur.	4 all:								
10.4	Conditions to Avoid:	Open flames, sparks and high hea			oolide ee	ronola -	nd other	incomp	iblo met	oriolo /	o a radice
10.5	Incompatible Substances:	Store away from flammable liquid materials, combustible materials,									
		any tint, lightener lotion or bleac									
		return unused material to original							55.1141110		

SAFETY DATA SHEET

Page 4 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11 1 Ingestion: NO 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity See Section 4.5 Suspected Carcinogen: 11.5 This product contains Hydrogen peroxide, listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it's carcinogenicity to humans. Paraffinum Liquidum (Mineral Oil) is listed as IARC Group 1. 11.6 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: See Section 4.2 11.7 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability: 12 1 There are no specific data available for this product. Effects on Plants & Animals: 122 There are no specific data available for this product. 12.3 Effects on Aquatic Life: The product itself has not been tested as a whole. There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Dispose of in accordance with federal, state and local regulations. Special Considerations: 13.2 NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 14.1 49 CFR (GND): **NOT REGULATED** 14.2 IATA (AIR): **NOT REGULATED** 14.3 IMDG (OCN): NOT REGULATED 14.4 TDGR (Canadian GND): **NOT REGULATED** ADR/RID (EU): 14.5 **NOT REGULATED** 14.6 SCT (MEXICO): NOT REGULATED ADGR (AUS): NOT REGULATED 14.7 15. REGULATORY INFORMATION SARA Reporting This product contains Phosphoric Acid, a substance subject to SARA Title III, Section 313 reporting requirements. 15.1 Requirements 15.2 SARA TPQ: There are no specific Threshold Planning Quantities for the components of this product. TSCA Inventory Status: 15.3 The components of this product are listed on the TSCA Inventory. CERCLA Reportable Quantity: 15.4 Phosphoric Acid: 5,000 lbs (2,270 kg) 15.5 This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, Other Federal Requirements (Cosmetics). Other Canadian Regulations: 15.6 This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. 15.7 State Regulatory Information: Paraffinum liquidum (mineral oil) is found on the following state criteria list: Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN) and Washington Permissible Exposures List (WA). Hydrogen Peroxide is found on the following state criteria list: FL, MA, MN, NJ, PA and WA. Etidronic Acid is found on the following state criteria list: NJ and PA. Phosphoric Acid is found on the following state criteria lists: FL, MA, MN, and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI) 15.8 Other Requirements: NA

SAFETY DATA SHEET

Page 5 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

		16. OTHER INFO	RMATION				
16.1	Other Information:	WARNING! CAUSES SERIOUS EYE IRRIATION. CAUSES MILD SKIN IRRITATION. For external use only. Use only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If skin irritation occurs: Get medical advice/attention. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.					
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & TU-K Industries, Inc.'s (2K Industries) knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to					
16.4	Prepared for:	consult the latest edition.					
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate* Dangerous Goods Training & Consulting				

SAFETY DATA SHEET

Page 6 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/7/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No. Chemical Abstract Service Number				
RTECS No. Registry of Toxic Effects of Chemical Substances Number				
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number			

EXPOSURE LIMITS IN AIR:

ACGIH American Conference on Governmental Industrial Hygienists			
IDLH Immediately Dangerous to Life and Health			
NOHSC National Occupational Health and Safety Commission (Australia)			
OSHA	U.S. Occupational Safety and Health Administration		
PEL	Permissible Exposure Limit		
STEL	Short Term Exposure Limit		
TLV Threshold Limit Value			
TWA	Time Weighted Average		

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

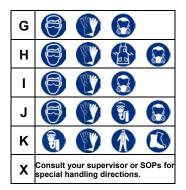
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard			
1	1 Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D	(E)	THE STATE OF THE S	
Е			
F		TH.	





OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:						
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition					
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ Y ₩ Y
W	Use No Water	HEALTH
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC 50	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{io} , LD _{io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TCo, LCio, & LCo	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	WHMIS Canadian Workplace Hazardous Material Information System						
DOT	DOT U.S. Department of Transportation						
TC	TC Transport Canada						
EPA	EPA U.S. Environmental Protection Agency						
DSL	DSL Canadian Domestic Substance List						
NDSL	Canadian Non-Domestic Substance List						
PSL	Canadian Priority Substances List						
TSCA	U.S. Toxic Substance Control Act						
EU	European Union (European Union Directive 67/548/EEC)						
WGK	Wassergefährdungsklassen (German Water Hazard Class)						

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®		②	Θ	(%)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SAFETY DATA SHEET

Page 1 of 6 **2K-037**

	<u> </u>	<u> </u>												
		1.	PRODUC	T & CON	IPANY	'IDE	NTII	FICA	TIO	N				
1.1	Product Name:	TEN												
1.2	Chemical Name:	NA												
1.3	Synonyms:	Pulp Riot												
1.4	Trade Names:	10 Vol. Crean	n Developer (3	%)										
1.5	Product Use:		or Cosmetic Us											
1.6	Distributor's Name:													
1.7	Distributor's Address:													
1.8	Emergency Phone:	CHEMTEL	: +1 (800) 2	55-3924 / +	-01-813	248-0	585							
1.9	Business Phone / Fax:													
			2. H	AZARDS	IDENT	TFIC	ATI(NC						
2.1	Hazard Identification:	classification WARNING!	criteria of NOH	ISC: 1088 (200 IOUS EYE IRF	04) and Al	DG Cod	e (Aus	stralia).				S GO	ODS a	according to the
2.2	Label Elements:	Classification: Eye Irrit. 2; Skin Irrit. 3 Hazard Statements (H): H319 – Causes serious eye irritation. H316 – Causes mild skin irritation. Precautionary Statements (P): P264 – Wash thoroughly after handling. P280 – Wear protective gloves and eye/face protection. P305+P351+P338 – IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 – If skin irritation occurs: Get medical advice/attention. P337+P313 – If eye irritation persists: Get medical advice/attention. P405 – Store locked up. P501 – Dispose of contents/container to a licensed treatment, storage or							<u>(!)</u>					
2.3	Other Warnings:	henna, may i	reach of child	sk of allergy,	f a severe	allergi	c read	ction sh	nould o	occur,	immed	diately	seek n	k and temporary nedical attention.
		2 (OMPOSIT	ION 8 IN	CDED	IENT	INIE		// A T	ION				
		3. 0	JINIPUSIT	ION & IN	GKED		IINF	UKI					. 3.	
						40	GIH	1	NOHSC		IMITS IN	N AIR (m OSHA	g/m³)	
							om .		ррт	,		ppm		
						PF	,,,,,	ES-	ES-	ES-		ppiii		
CHEMI	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL		STEL	PEAK	PEL	STEL	IDLH	OTHER
AQUA	(WATER/EAU)	7732-18-5	ZC0110000	231-791-2	75-90	NA	NA	NF	NF	NF	NA	NA	NA	
	FFINUM LIQUIDUM RAL OIL)	8012-95-1	PY8030000	232-384-2	3-10	5	10	NF	5	NF	5	10	2500	MIST
	,	Asp. Tox. 1; H 3687-46-5	NA	222-981-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
DECY	L OLEATE		T	T	1	1								
CETY	L ALCOHOL	36653-82-4	MM0225000	253-149-0	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
STEA	RYL ALCOHOL	112-92-5	RG2010000	204-017-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
HYDR	OGEN PEROXIDE	7722-84-1	MX0900000	231-765-0	1-3.3	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
PEG-40 CASTOR OIL		Eye Irrit. 2; H3 61791-12-6	319 NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
		01/91-12-0	INA	INA	< 1.0	INA	INA	INF	INF	INF	INA	INA	INA	
SODIUM CETEARYL SUFATE		59186-41-3	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
DISO	DIUM EDTA	139-33-3	NA	205-358-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
TETR.	ASODIUM	7722-88-5	UX7350000	231-767-1	< 1.0	5	NA	5	NF	NF	5	NA	NA	
PYRO	PHOSPHATE	Eye Irrit. 2; H3	19											·
ETIDF	RONIC ACID	2809-21-4 Met Corr 1: 4	SZ8562100 Acute Tox. 4; Eye	220-552-8 Dam 1: H290	< 1.0	NA R	NA	NF	NF	NF	NA	NA	NA	
		7664-38-2	TB6300000	231-633-2	< 1.0	(1)	(3)	NF	NF	NF	NA	NA	1000	
	PHORIC ACID													

SAFETY DATA SHEET

Page 2 of 6 2K-037

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0

			4. FIRST AID MEASURES							
4.1	First Aid:		ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or mill MEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to ar conscious person. Contact the nearest Poison Control Center or local emergency number. Provide ar timate of the time at which the material was ingested and the amount of the substance that was							
		Eyes:	swallowed. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts.	ounts of lukewar						
		Skin:	water for at least 15 minutes. Seek immediate medical attention. If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, follo washing of the affected area with soap and water. If irritation, redness or swelling							
			physician immediately. Remove victim to fresh air at once.							
4.2	Effects of Exposure:	Eyes:	If product is swallowed, may cause nausea, vomiting and/or diarrhea. Moderately irritating to the eyes. Symptoms of overexposure may include redness, its watering.	-						
		:	May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, w some sensitive individuals. None expected.	veits, dermatitis)						
4.3	Symptoms of Overexposure:	Overexposure include rednes	e in eyes may cause severe damage, redness, itching and watering. Symptoms of skin ess, itching, and irritation of affected areas. The product can cause allergic skin react itis) in some sensitive individuals.	overexposure maions (e.g., rashe						
4.4	Acute Health Effects:	Severe irritation	ion to eyes. Symptoms of overexposure may include redness, itching, stinging, irrital ation to skin near affected areas.	tion and waterin						
4.5	Chronic Health Effects:		chronic health effects are expected to occur from a single accidental ingestion.							
4.6	Target Organs:	•	espiratory System							
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, other skin conditions, and disorders of the (eyes, skin, and respiratory system).	1						
		target organis (FLAMIMABILITY	0						
			PHYSICAL HAZARDS	1						
			PROTECTIVE EQUIPMEN	IT B						
			EYES SKIN							
			5. FIREFIGHTING MEASURES							
5.1	Fire & Explosion Hazards:	This product is	s not flammable.							
5.2	Extinguishing Methods:		f permitted), Dry Chemical, Foam, as authorized.							
5.3	Firefighting Procedures:									
J.J		demand) and the spray to cool fifting control or configurations.	re, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained laratus to protect against potential hazardous combustion or decomposition products efficiencies.	101						
		demand) and spray to cool fi fire control or of Firefighters multiple breathing apparand oxygen de	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products	101						
6.1	Spills:	demand) and a spray to cool fifice control or of Firefighters must breathing apparand oxygen defined before cleaning and cleaning apparance.	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate P	ersonal Protecti						
		demand) and is spray to cool fifer control or of Firefighters must breathing apparand oxygen demand	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES	goggles, glove; ial and place in dederal regulation any contaminate tain spill with in naterial to separa						
		demand) and spray to cool fife control or of Firefighters must breathing apparand oxygen demands	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate Portion (e.g., organics such as oil) away from spill. It is (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., nitilation (open doors and windows). Remove spilled material with absorbent material cosed container(s) for disposal. Dispose of properly in accordance with local, state and feeted areas and outside of container with plenty of warm water and soap. Remove wash thoroughly before reuse. Ils (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and container disposal. Remove contaminated clothing promptly and wash affected skin ar spills and cleaning runoffs out of municipal sewers and open bodies of water.	goggles, glove; ial and place in dederal regulation any contaminate tain spill with in naterial to separa						
		demand) and is spray to cool fifice control or of Firefighters must breathing apparand oxygen demands oxygen de	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained paratus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate Portion (e.g., organics such as oil) away from spill. It is (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., ntiliation (open doors and windows). Remove spilled material with absorbent material osed container(s) for disposal. Dispose of properly in accordance with local, state and footed areas and outside of container with plenty of warm water and soap. Remove wash thoroughly before reuse. Ils (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and container or proper disposal. Remove contaminated clothing promptly and wash affected skin ar spills and cleaning runoffs out of municipal sewers and open bodies of water. HANDLING & STORAGE INFORMATION Ink, or smoke while handling this product. Wash thoroughly after handling. Avoid contacting metals, dust and organic materials. Avoid contamination from any source, including metals, dust and organic materials.	goggles, gloverial and place in dederal regulation any contaminate tain spill with in naterial to separate eas with soap at with flammable						
6.1	Spills:	demand) and is spray to cool fifice control or of Firefighters must breathing apparand oxygen demand	full protective gear. Keep containers cool until well after the fire is out. Use water fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from dilution from entering sewers, drains, drinking water supply, or any natural waterway. Just use full bunker gear including NIOSH-approved positive pressure self-contained variatus to protect against potential hazardous combustion or decomposition products efficiencies. 6. ACCIDENTAL RELEASE MEASURES Ing any spill or leak, individuals involved in spill cleanup must wear appropriate PPE). Keep incompatible materials (e.g., organics such as oil) away from spill. Iills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., ntilation (open doors and windows). Remove spilled material with absorbent materiosed container(s) for disposal. Dispose of properly in accordance with local, state and feeted areas and outside of container with plenty of warm water and soap. Remove wash thoroughly before reuse. Ills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and container and or earth). Transfer liquid to containers for recovery or disposal and solid diking or proper disposal. Remove contaminated clothing promptly and wash affected skin ar spills and cleaning runoffs out of municipal sewers and open bodies of water. HANDLING & STORAGE INFORMATION Tink, or smoke while handling this product. Wash thoroughly after handling. Avoid contactinaterials. Avoid contamination from any source, including metals, dust and organic math unintentional residues with soap and warm water. The inaccol, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away frames. Avoid temperatures above 120 °F. Keep away from incompatible substances.	goggles, glovesial and place in ederal regulation any contaminate tain spill with in naterial to separate as with soap at with flammable aterials. Keep but any from excessi						

SAFETY DATA SHEET

Page 3 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

		8. EXPOSURE CONT			KOON		KUIEC	HOIN			
8.1	Exposure Limits: ppm (mg/m ³)		AC	GIH I		NOHSC ES-	ES-		OSHA		OTHER
	ppiii (iiigiiii)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	STEL	PEAK	PEL	STEL	IDLH	
		PARAFFINUM LIQUIDUM (MINERAL OIL)	5	10	NF	5	NF	5	10	2500	MIST
		HYDROGEN PEROXIDE	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
		TETRASODIUM	` ′		, ,						
		PYROPHOSPHATE	5	NA	5	NF	NF	5	NA	NA	
0.0		PHOSPHORIC ACID	(1)	(3)	NF	NF	NF	NA	NA	1000	f\ F
8.2	Ventilation & Engineering Controls:	When working with large quantities that an eyewash station, sink or was							iaust ven	tilation,	tans). Ensu
8.3	Respiratory Protection:	No special respiratory protection							handling	ı. If	
		necessary, use only respiratory	protection	on autho	rized per	U.S. O	SHA's re	quiremen	t in 29	CFR	
		§1910.134, or applicable U.S. sta	te regula	tions, or	the approp	oriate sta	indards of	Canada,	its provi	nces,	
8.4	Cua Dratastian	E.C. member states, or Australia. AVOID EYE CONTACT DUE TO	IDDITA	TION D	TENTIAL	\//oor	protoctive		r /o.a. a	ofot.	
8.4	Eye Protection:	glasses with side-shield) at all tir	nes whe	n handlir	on large di	. wear	(e.g. > 1	e eyewea / gallon (r (e.g., s 3 8 1)) o	f this	
		product. Always use protective e									
		hazard; soft lenses may absorb an						'			
8.5	Hand Protection:	AVOID SKIN CONTACT DUE TO	SENSIT	IZING PO	TENTIAL	. If antic	ipated tha	t prolong	ed & repe	eated	
		skin contact will occur during use									line
		If necessary, refer to U.S. OSHA	29 CFR {	§1910.13	8, the app	ropriate	standards	of Canad	la, of the	E.C.	
8.6	Body Protection:	member states.	0511015		0751111						
0.0	Body Frotection.	AVOID SKIN CONTACT DUE TO required under typical circumstant									
		of Canada, the E.C. member state			nulling. II	liecessa	iy, ielei to	арргорг	ale starit	Jaius	
			-, -: -:-							Į.	
		9. PHYSICAL	& CH	EMIC	AL PRO	OPER	TIES				
9.1	Appearance:	White free flowing lotion									
9.2	Odor:	Characteristic									
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	NA									
9.7	Flashpoint:	NA									
9.8	Upper/Lower Flammability	NA									
0.0	Limits:										
9.9	Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	NA Dortiol to comprists									
9.12	Solubility: Partition Coefficient (log P _{ow}):	Partial to complete									
9.13	Autoignition Temperature:	NA NA									
9.14	Decomposition Temperature:	NA NA									
9.15	Viscosity:	NA NA									
9.17	Other Information:	NA									
0.17	Other information.	INA									
		10. STA	RII IT	V & R	FACTI	VITY					
10.1	Stability:	This product is stable.	DILII	1 4 1	LAUII	V I I I					
10.1	Hazardous Decomposition	Oxides of carbon (CO, CO ₂) and s	oulfur (CC) \ iba-	otion of ca	10 m: / rc r	ult in do-	norous s	0001120		
	Products:	(, =,	sulluf (50	ν ₂). Liber	auon or ga	is my res	uit iii dan(gerous pr	essure.		
10.3	Hazardous Polymerization:	Will not occur.	4 all:								
10.4	Conditions to Avoid:	Open flames, sparks and high hea			oolide ee	ronola -	nd other	incomp	iblo met	oriolo /	o a radice
10.5	Incompatible Substances:	Store away from flammable liquid materials, combustible materials,									
		any tint, lightener lotion or bleac									
		return unused material to original							55.1141110		

SAFETY DATA SHEET

Page 4 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11 1 Ingestion: NO 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity See Section 4.5 Suspected Carcinogen: 11.5 This product contains Hydrogen peroxide, listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it's carcinogenicity to humans. Paraffinum Liquidum (Mineral Oil) is listed as IARC Group 1. 11.6 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: See Section 4.2 11.7 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability: 12 1 There are no specific data available for this product. Effects on Plants & Animals: 122 There are no specific data available for this product. 12.3 Effects on Aquatic Life: The product itself has not been tested as a whole. There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Dispose of in accordance with federal, state and local regulations. Special Considerations: 13.2 NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 14.1 49 CFR (GND): **NOT REGULATED** 14.2 IATA (AIR): **NOT REGULATED** 14.3 IMDG (OCN): NOT REGULATED 14.4 TDGR (Canadian GND): **NOT REGULATED** ADR/RID (EU): 14.5 **NOT REGULATED** 14.6 SCT (MEXICO): NOT REGULATED ADGR (AUS): NOT REGULATED 14.7 15. REGULATORY INFORMATION SARA Reporting This product contains Phosphoric Acid, a substance subject to SARA Title III, Section 313 reporting requirements. 15.1 Requirements 15.2 SARA TPQ: There are no specific Threshold Planning Quantities for the components of this product. TSCA Inventory Status: 15.3 The components of this product are listed on the TSCA Inventory. CERCLA Reportable Quantity: 15.4 Phosphoric Acid: 5,000 lbs (2,270 kg) 15.5 This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, Other Federal Requirements (Cosmetics). Other Canadian Regulations: 15.6 This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. 15.7 State Regulatory Information: Paraffinum liquidum (mineral oil) is found on the following state criteria list: Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN) and Washington Permissible Exposures List (WA). Hydrogen Peroxide is found on the following state criteria list: FL, MA, MN, NJ, PA and WA. Etidronic Acid is found on the following state criteria list: NJ and PA. Phosphoric Acid is found on the following state criteria lists: FL, MA, MN, and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI) 15.8 Other Requirements: NA

SAFETY DATA SHEET

Page 5 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

		16. OTHER INFO	RMATION					
16.1	Other Information:	WARNING! CAUSES SERIOUS EYE IRRIATION. CAUSES MILD SKIN IRRITATION. For external use only. Use only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If skin irritation occurs: Get medical advice/attention. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows: to do so may cause blindness.						
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.						
16.3	Disclaimer:	government regulations must be reviewed for appli Inc.'s (2K Industries) knowledge, the information accuracy, suitability or completeness is not guaran provided. The information contained herein relate	HA's Hazard Communication Standard, 29 CFR §1910.1200. Other icability to this product. To the best of ShipMate's & TU-K Industries, contained herein is reliable and accurate as of this date; however, need and no warranties of any type, either expressed or implied, are as only to the specific product(s). If this product(s) is combined with a considered. Data may be changed from time to time. Be sure to					
16.4	Prepared for:							
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate* Dangerous Goods Training & Consulting					

SAFETY DATA SHEET

Page 6 of 6 **2K-037**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/7/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH American Conference on Governmental Industrial Hygienists							
IDLH	IDLH Immediately Dangerous to Life and Health						
NOHSC	NOHSC National Occupational Health and Safety Commission (Australia)						
OSHA	OSHA U.S. Occupational Safety and Health Administration						
PEL	Permissible Exposure Limit						
STEL	Short Term Exposure Limit						
TLV	Threshold Limit Value						
TWA Time Weighted Average							

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D	(EL)	THE STATE OF THE S	
Ε			
F		THE SECOND	

G				
Η			H.	
ı				
J			9	
K	T		Ŵ	
X	Consult y	our supe	rvisor or irections.	SOPs for



OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	TY LIMITS IN AIR:
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\ \
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ Y ₩ Y
₩	Use No Water	HEALTH
OX	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{io} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®		②	(1)	®		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SAFETY DATA SHEET

Page 1 of 6 **2K-038**

		1.	PRODUC	CON & COM	IPANY	' IDEI	NTIF	FICA	TIO	V					
1.1	Product Name:	TWENTY	7												
1.2	Chemical Name:	NA NA													
1.3	Synonyms:	Pulp Riot													
1.4	Trade Names:		n Developer (6	%)											
1.5	Product Use:		or Cosmetic Us												
1.6	Distributor's Name:			,											
1.7	Distributor's Address:														
1.8	Emergency Phone:	CHEMTEL	.: +1 (800) 2	55-3924 / +	·01-813-	248-0	585								
1.9	Business Phone / Fax:		, ,	,											
			2. H	AZARDS	IDENT	TIFIC	<u>ATIC</u>	DN							
2.1	Hazard Identification:	classification WARNING!	is classified a criteria of NOH CAUSES SERI : Eye Irrit. 2; SI	ISC: 1088 (200 IOUS EYE IRF	04) and AE	OG Cod	e (Aus	tralia).				S GOO	ODS :	accord	ing to the
2.2	Label Elements:	Precautionar gloves and opresent and advice/attent	ments (H): H31 y Statements (eye/face protect easy to do. (ion. P337+P3 l up. P501 — ity (TSDF).	P): P264 – W ction. P305+ Continue rinsii 13 – If eye ir	ash thoro P351+P33 ng. P332 ritation pe	ughly at 38 – IF +P313 • ersists: (fter ha IN E` – If sl Get m	indling YES: F kin irrit edical	P28 Removation of advice	0 – We cont occurs:	ear pro act le Get li tion.	otectivenses, in medica P405 -	if al —	<	•
2.3	Other Warnings:	Keep out of	reach of child increase the ris												
		•	must not be us	ed for dyeing	the eyelas	hes or e	eyebro		do so	may ca	ause b	lindnes	SS.		
		•		ed for dyeing	the eyelas	hes or e	eyebro		do so	may ca					
		•	must not be us	ed for dyeing	the eyelas	IENT	INF	ORN	do so /AT EXPO	may ca		I AIR (mg		1	
		•	must not be us	ed for dyeing	the eyelas	IENT	INF	ORN	MAT EXPO	may ca		I AIR (mg OSHA		-	
		•	OMPOSIT	ION & IN	the eyelas	IENT ACC	INF	ORN ES-	do so /AT EXPO	ON SURE LI	MITS IN	I AIR (mg OSHA ppm	g/m³)	-	
CHEM	CAL NAME(S)	3. C	OMPOSIT	TON & IN	GRED %	IENT ACC PP TLV	INF GIH om STEL	ORN ES- TWA	ES- STEL	ON SURE LI ES- PEAK	MITS IN	OSHA ppm	g/m³) IDLH	-	OTHER
	CAL NAME(S)	3. Co	OMPOSIT	ION & IN	GRED	IENT ACC	INF	ORN ES-	MAT EXPO NOHSC ppm ES-	ON SURE LI	MITS IN	I AIR (mg OSHA ppm	g/m³)		OTHER
AQU <i>A</i> PARA	(WATER/EAU) FFINUM LIQUIDUM	3. Co	RTECS No. ZC0110000 PY8030000	TON & IN	GRED %	IENT ACC PP TLV	INF GIH om STEL	ORN ES- TWA	ES- STEL	ON SURE LI ES- PEAK	MITS IN	OSHA ppm	g/m³) IDLH NA	MIST	OTHER
AQUA PARA (MINE	(WATER/EAU) FFINUM LIQUIDUM RAL OIL)	3. C	RTECS No. ZC0110000 PY8030000	TON & IN EINECS No. 231-791-2	GRED % 75-90	ACC PP	INF GIH DIM STEL NA	ES- TWA NF	MAT EXPO NOHSC ppm ES- STEL NF	ON SURE LI ES- PEAK NF	MITS IN	OSHA ppm STEL NA	g/m³) IDLH NA	MIST	OTHER
AQUA PARA (MINE	(WATER/EAU) FFINUM LIQUIDUM	3. Co	RTECS No. ZC0110000 PY8030000 H304 MX0900000	EINECS No. 231-791-2	### Revelas GRED	ACC PP TLV NA	INF GIH STEL NA	ES- TWA NF	EXPONOHSC ppm ES- STEL NF	ON SURE LI ES- PEAK NF	PEL NA	OSHA ppm STEL NA	g/m³) IDLH NA	MIST	OTHER
AQUA PARA (MINE HYDF	FFINUM LIQUIDUM RAL OIL) OGEN PEROXIDE	3. Co	RTECS No. ZC0110000 PY8030000 H304 MX0900000	EINECS No. 231-791-2	### Revelas GRED	ACC PP TLV NA	INF GIH STEL NA	ES- TWA NF	EXPONOHSC ppm ES- STEL NF	ON SURE LI ES- PEAK NF	PEL NA	OSHA ppm STEL NA	g/m³) IDLH NA	MIST	OTHER
AQUA PARA (MINE HYDF	(WATER/EAU) FFINUM LIQUIDUM RAL OIL) OGEN PEROXIDE L OLEATE	3. Co	PY8030000 BY8030000 AMERICA No. AMERICA N	EINECS No. 231-791-2 232-384-2 231-765-0	### Revelas ### R	ACC PPP TLV NA 5	INF GIH STEL NA 10	ES-TWA NF	MAT EXPO NOHSC ppm ES- STEL NF 5	ON SURE LI ES- PEAK NF	PEL NA 5 (1.4)	STEL NA	g/m³) IDLH NA 2500	MIST	OTHER
AQUA PARA (MINE HYDF DECY	(WATER/EAU) FFINUM LIQUIDUM RAL OIL) OGEN PEROXIDE L OLEATE L ALCOHOL	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; I 7722-84-1 Eye Irrit. 2; H 3687-46-5	MUST NOT be US OMPOSIT RTECS No. ZC0110000 PY8030000 -1304 MX0900000 319 NA	EINECS No. 231-791-2 232-384-2 231-765-0 222-981-6	% 75-90 3-10 5-6.3	ACC ppp TLV NA 5 (1.4)	INF GIH DIM STEL NA 10 NA	ES-TWA NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF 5 NF	PES-PEAK NF NF NF	PEL NA 5 (1.4)	STEL NA 10 NA NA	IDLH NA 2500 75	MIST	OTHER
AQUA PARA (MINE HYDF DECY CETY	(WATER/EAU) FFINUM LIQUIDUM RAL OIL) OGEN PEROXIDE L OLEATE	3. Co	MUST NOT BE US OMPOSIT RTECS No. ZC0110000 PY8030000 -304 MX0900000 319 NA MM0225000	EINECS No. 231-791-2 232-384-2 232-981-6 253-149-0	% 75-90 3-10 5-6.3 1-5	ACC PPP TLV NA 5 (1.4) NA NA	INF GIH DIM STEL NA 10 NA NA	ORN ES- TWA NF NF NF (1.4)	MAT EXPO NOHSC ppm ES- STEL NF 5 NF NF	MAY CA	PEL NA 5 (1.4) NA NA	STEL NA 10 NA NA NA	g/m³) IDLH NA 2500 75 NA	MIST	OTHER
AQUAPARA (MINE HYDF DECY CETY STEA	(WATER/EAU) FFINUM LIQUIDUM RAL OIL) OGEN PEROXIDE L OLEATE L ALCOHOL RYL ALCOHOL	3. Co CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; I 7722-84-1 Eye Irrit. 2; H 3687-46-5 36653-82-4 112-92-5	MUST NOT BE US OMPOSIT RTECS No. ZC0110000 PY8030000 H304 MX0900000 RMM0225000 RG2010000	EINECS No. 231-791-2 232-384-2 231-765-0 222-981-6 253-149-0 204-017-6	% 75-90 3-10 5-6.3 1-5 1-5	ACC PPP TLV NA 5 (1.4) NA NA	INF GIH om STEL NA 10 NA NA NA	ES-TWA NF NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF	BURE LI ES-PEAK NF NF NF NF NF	PEL NA 5 (1.4) NA NA NA	STEL NA 10 NA NA NA	g/m³) IDLH NA 2500 75 NA NA	MIST	OTHER
AQUAPARA (MINE HYDE DECY STEA PEG-	FFINUM LIQUIDUM RAL OIL) OGEN PEROXIDE L OLEATE L ALCOHOL RYL ALCOHOL GO CASTOR OIL	3. Control Con	MUST NOT BE US OMPOSIT RTECS No. ZC0110000 PY8030000 H304 MX09000000 NA MM0225000 RG2010000 NA	EINECS No. 231-791-2 232-384-2 231-765-0 222-981-6 253-149-0 204-017-6 NA	% 75-90 3-10 5-6.3 1-5 1-5 <	ACC PPP TLV NA 5 (1.4) NA NA NA	INF GIH om STEL NA 10 NA NA NA	ES- TWA NF NF (1.4) NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF	MAY CAMPAGE AND CA	PEL NA 5 (1.4) NA NA NA	JAIR (mg OSHA ppm STEL NA 10 NA NA NA	IDLH NA 2500 75 NA NA	MIST	OTHER
AQUAMINE PARAMINE HYDDF DECY STEA PEG SODI DISO TETR	(WATER/EAU) FFINUM LIQUIDUM (RAL OIL) OGEN PEROXIDE L OLEATE L ALCOHOL RYL ALCOHOL 40 CASTOR OIL JM CETEARYL SUFATE DIUM EDTA ASODIUM	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 7722-84-1 Eye Irrit. 2; H 3687-46-5 36653-82-4 112-92-5 61791-12-6 59186-41-3 139-33-3 7722-88-5	MUST NOT BE US OMPOSIT RTECS No. ZC0110000 PY8030000 1304 MX0900000 319 NA MM0225000 RG2010000 NA NA NA UX7350000	EINECS No. 231-791-2 232-384-2 231-765-0 222-981-6 253-149-0 204-017-6 NA	% 75-90 3-10 5-6.3 1-5 1-5 1-5 < 1.0	ACC PPP TLV NA 5 (1.4) NA NA NA NA	INF GIH STEL NA 10 NA NA NA NA	ES-TWA NF NF NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF	NF N	PEL NA 5 (1.4) NA NA NA NA	J AIR (mg OSHA ppm STEL NA 10 NA NA NA NA NA	IDLH NA 2500 75 NA NA NA	MIST	OTHER
AQUAMPARA PARA (MINE HYDF DECY STEA SODI DISO TETR PYRC	(WATER/EAU) FFINUM LIQUIDUM (RAL OIL) OGEN PEROXIDE L OLEATE L ALCOHOL RYL ALCOHOL 40 CASTOR OIL JM CETEARYL SUFATE DIUM EDTA	CAS No. 7732-18-5 8012-95-1 Asp. Tox. 1; H 7722-84-1 Eye Irrit. 2; H 3687-46-5 36653-82-4 112-92-5 61791-12-6 59186-41-3 139-33-3 7722-88-5 Eye Irrit. 2; H 2809-21-4	MUST NOT BE US OMPOSIT RTECS No. ZC0110000 PY8030000 1304 MX0900000 319 NA MM0225000 RG2010000 NA NA NA UX7350000	EINECS No. 231-791-2 232-384-2 231-765-0 222-981-6 NA NA 205-358-3 231-767-1 220-552-8	### syelas ### GRED % 75-90 3-10 5-6.3 1-5 1-5 1-5 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0 < 1.0	Hes or 6 IENT ACC PPP TLV NA 5 (1.4) NA NA NA NA NA NA NA NA NA N	INF GIH DM STEL NA 10 NA NA NA NA NA	ES-TWA NF NF NF NF NF NF	MAT EXPO NOHSC ppm ES- STEL NF NF NF NF NF NF	MAY CAMPAGE AND CA	PEL NA 5 (1.4) NA NA NA NA	J AIR (mg OSHA ppm STEL NA 10 NA NA NA NA NA NA	IDLH NA 25000 75 NA NA NA	MIST	OTHER

SAFETY DATA SHEET

Page 2 of 6 **2K-038**

			4. FIRST AID MEASURES			
4.1	First Aid:	Ingestion:	If ingested, do not induce vomiting. If product has			
			IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.			
		Eyes:	Splashes are not likely; however, if product gets in the water for at least 15 minutes. Seek immediate medical a		unts of lukewarn	
		Skin:	If irritation occurs and product is on the skin, rinse thoro washing of the affected area with soap and water. If	ughly with lukewarm water, follow	ed by a thorough ersists, contact	
		Inhalation:	physician immediately. Remove victim to fresh air at once.			
4.2	Effects of Exposure:	Ingestion: Eyes:	If product is swallowed, may cause nausea, vomiting and Moderately irritating to the eyes. Symptoms of overext watering.		ing, irritation and	
		Skin:	May be irritating to skin. The product can cause allergi some sensitive individuals.	ic skin reactions (e.g., rashes, we	elts, dermatitis) i	
		Inhalation:	None expected.			
4.3	Symptoms of Overexposure:	include redn	re in eyes may cause severe damage, redness, itching ar ness, itching, and irritation of affected areas. The produ- atitis) in some sensitive individuals.			
4.4	Acute Health Effects:	Severe irrita	ation to eyes. Symptoms of overexposure may include itation to skin near affected areas.	redness, itching, stinging, irritation	on and watering	
4.5	Chronic Health Effects:	No harmful o	or chronic health effects are expected to occur from a single	le accidental ingestion.	_	
4.6	Target Organs:		Respiratory System			
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, other skin conditions, and disorders of the s (eyes, skin, and respiratory system).	HEALTH	1	
		target organi	o (oyoo, okiii, aha roopiiakory oyokoiii).	FLAMMABILITY	0	
				PHYSICAL HAZARDS	1	
				PROTECTIVE EQUIPMENT	ГВ	
				EYES SKIN		
			E EIDEEIGUTING MEAGUDEG			
5 4	Fig. 9 Familiaries Harranda	T=	5. FIREFIGHTING MEASURES			
	Fire & Explosion Hazards:	· ·	is not flammable.			
5.2	Fire & Explosion Hazards: Extinguishing Methods: Firefighting Procedures:	CO ₂ , Halon	is not flammable. (if permitted), Dry Chemical, Foam, as authorized.	athing apparatus (pressure-		
5.1 5.2 5.3	Extinguishing Methods:	CO ₂ , Halon As in any demand) and spray to coofire control of Firefighters in breathing ap	is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after a fire-exposed surfaces and to protect personal. Fight fire for dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved posparatus to protect against potential hazardous combustio	ter the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained	101	
5.2	Extinguishing Methods:	CO ₂ , Halon As in any demand) and spray to coof fire control of Firefighters in	is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained brea d full protective gear. Keep containers cool until well aft of fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water sup must use full bunker gear including NIOSH-approved pos oparatus to protect against potential hazardous combustio deficiencies.	ter the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained in or decomposition products	101	
5.2	Extinguishing Methods: Fireflighting Procedures:	CO ₂ , Halon As in any demand) and spray to coofire control of Firefighters in breathing apand oxygen	is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well aft if fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved postparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASU	ter the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained in or decomposition products	101	
5.2	Extinguishing Methods:	CO ₂ , Halon As in any demand) and spray to coofire control of Firefighters in breathing appand oxygen Before clear Equipment (is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well aft of fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved postparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASU ning any spill or leak, individuals involved in spill cleat PPE). Keep incompatible materials (e.g., organics such a	rer the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained in or decomposition products RES anup must wear appropriate Persoil) away from spill.		
5.2	Extinguishing Methods: Fireflighting Procedures:	Before clear Equipment (For small s Wash all aff clothing and For large sr material (e.containers f	is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after a fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved post operatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASU ning any spill or leak, individuals involved in spill cleated.	RES anup must wear appropriate Persoil away from spill. anup must wear appropriate	goggles, gloves) Il and place into deral regulations any contaminated ain spill with inel aterial to separat	
5.2	Extinguishing Methods: Firefighting Procedures: Spills:	Before clean Equipment (For small s Maximize w appropriate water. Keep	tis not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well after a fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved postoparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASU ming any spill or leak, individuals involved in spill clear PPE). Keep incompatible materials (e.g., organics such a spills (e.g., < 1 gallon (3.8 L)) wear appropriate person entilation (open doors and windows). Remove spilled closed container(s) for disposal. Dispose of properly in actifected areas and outside of container with plenty of was wash thoroughly before reuse. pills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotect grands and or earth). Transfer liquid to containers for recover for proper disposal. Remove contaminated clothing prones publics and cleaning runoffs out of municipal sewers and or pospills and cleaning runoffs out of municipal sewers and or container with plenty of wash thoroughly before reuse.	rer the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained in or decomposition products. RES anup must wear appropriate Persoil) away from spill. anal protective equipment (e.g., generated with absorbent material coordance with local, state and fearm water and soap. Remove a coted individuals. Dike and contary or disposal and solid diking manptly and wash affected skin are pen bodies of water.	goggles, gloves) Il and place into deral regulations any contaminated ain spill with ine aterial to separat as with soap an	
5.2	Extinguishing Methods: Fireflighting Procedures:	Before clear Equipment (For small s Maximize wappropriate Wash all afficiently containers f water. Keep	is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well aft if fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved postparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASU ning any spill or leak, individuals involved in spill cleat PPE). Keep incompatible materials (e.g., organics such a spills (e.g., < 1 gallon (3.8 L)) wear appropriate person entilation (open doors and windows). Remove spilled closed container(s) for disposal. Dispose of properly in actifected areas and outside of container with plenty of was wash thoroughly before reuse. pills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotect or proper disposal. Remove contaminated clothing pronous pospills and cleaning runoffs out of municipal sewers and outside of containers for recovery or spills and cleaning runoffs out of municipal sewers and outside of containers for recovery or proper disposal. Remove contaminated clothing pronous pospills and cleaning runoffs out of municipal sewers and outside of containers for recovery or proper disposal. Remove contaminated clothing pronous pospills and cleaning runoffs out of municipal sewers and outside of contamination from any source, including this unintentional residues with soap and warm water.	rer the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained in or decomposition products. RES anup must wear appropriate Persoil away from spill. anal protective equipment (e.g., go material with absorbent material coordance with local, state and fearm water and soap. Remove a cotted individuals. Dike and containing or disposal and solid diking manptly and wash affected skin are pen bodies of water. ATION hly after handling. Avoid contact wing metals, dust and organic material wash affected and organic materials.	goggles, gloves) Il and place into deral regulations any contaminated ain spill with ine aterial to separat as with soap an with flammable of erials. Keep bull	
5.2 5.3	Extinguishing Methods: Firefighting Procedures: Spills:	Before clear Equipment (For small s Maximize wappropriate Wash all afficiothing and For large symaterial (e.g. containers f water. Keep	is not flammable. (if permitted), Dry Chemical, Foam, as authorized. fire, wear MSHA/NIOSH approved self-contained bread full protective gear. Keep containers cool until well aft if fire-exposed surfaces and to protect personal. Fight fire or dilution from entering sewers, drains, drinking water supmust use full bunker gear including NIOSH-approved postparatus to protect against potential hazardous combustion deficiencies. 6. ACCIDENTAL RELEASE MEASU ning any spill or leak, individuals involved in spill cleat PPE). Keep incompatible materials (e.g., organics such a spills (e.g., < 1 gallon (3.8 L)) wear appropriate person entilation (open doors and windows). Remove spilled closed container(s) for disposal. Dispose of properly in actifected areas and outside of container with plenty of was wash thoroughly before reuse. pills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unproted wash thoroughly before reuse. pills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unproted or proper disposal. Remove contaminated clothing pronous pospills and cleaning runoffs out of municipal sewers and outside of containers for recover or proper disposal. Remove contaminated clothing pronous pospills and cleaning runoffs out of municipal sewers and outside of contamination from any source, including this unintentional residues with soap and warm water. 7. HANDLING & STORAGE INFORMATION or smoke while handling this product. Wash thorough materials. Avoid contamination from any source, including the intentional residues with soap and warm water. 8. Figure 1. Figure 2. Figure 2. Figure 2. Figure 3. Figure 3	rer the fire is out. Use water upwind. Prevent runoff from ply, or any natural waterway. Sitive pressure self-contained in or decomposition products. RES anup must wear appropriate Persoil away from spill. anal protective equipment (e.g., go material with absorbent material coordance with local, state and fewer water and soap. Remove a cotted individuals. Dike and containing or disposal and solid diking manptly and wash affected skin are pen bodies of water. ATION hly after handling. Avoid contact was metals, dust and organic material sust ventilation, fans). Keep away	goggles, gloves) Il and place into deral regulations any contaminated ain spill with ine aterial to separat as with soap an with flammable operials. Keep bull y from excessive	

SAFETY DATA SHEET

Page 3 of 6 2K-038

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0

		8. EXPOSURE CONT	<u>ROLS</u>	& PE	RSON	<u>AL P</u>	<u> KOTE</u> C	HUN			
8.1	Exposure Limits:		AC	GIH		NOHSC	ı		OSHA	1	OTHER
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	
		PARAFFINUM LIQUIDUM	5	10	NF	5	NF	5	10	2500	MIST
		(MINERAL OIL)									IVIIOI
		HYDROGEN PEROXIDE	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
		TETRASODIUM PYROPHOSPHATE	5	NA	5	NF	NF	5	NA	NA	
		PHOSPHORIC ACID	(1)	(3)	NF	NF	NF	NA	NA	1000	
8.2	Ventilation & Engineering	When working with large quantities									fans). Ens
	Controls:	that an eyewash station, sink or wa	ashbasin	is availa	ble in case	of expo	sure to eye	es.			
8.3	Respiratory Protection:	No special respiratory protection	is requ	ired und	ler typical	circums	stances of	use or	handling	g. If	
		necessary, use only respiratory §1910.134, or applicable U.S. sta									
		E.C. member states, or Australia.	ie regula	lions, or	ille applop	mate Sta	iliualus oi	Cariaua,	its provi	nices,	
8.4	Eye Protection:	AVOID EYE CONTACT DUE TO	IRRITA	TION PO	TENTIAL	Wear	protective	evewea	r (e a s	afety	
	_, -, - · · · · · · · · · · · · · · · · ·	glasses with side-shield) at all tir									
		product. Always use protective e									
		hazard; soft lenses may absorb an						<u> </u>			
8.5	Hand Protection:	AVOID SKIN CONTACT DUE TO	SENSIT	IZING PO	DTENTIAL	If antic	ipated tha	t prolong	ed & rep	eated	
		skin contact will occur during use									Million
		If necessary, refer to U.S. OSHA	29 CFR §	§1910.13	8, the app	ropriate	standards	of Canad	da, of the	E.C.	
		member states.									
8.6	Body Protection:	AVOID SKIN CONTACT DUE TO									
		required under typical circumstant			ndling. If	necessa	ry, refer to	appropri	ate stan	dards	
		of Canada, the E.C. member state	s, or U.S	. OSHA.							
		9. PHYSICAL	& CH	EMIC/	AL PRO	SPER	HES				
9.1	Appearance:	White free flowing lotion									
9.2	Odor:	Characteristic									
9.3	Odor Threshold:	NA									
9.4	pH:	NA									
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling Range:	NA									
9.7	Flashpoint:	NA									
9.8	Upper/Lower Flammability										
	Limits:	NA									
9.9	Vapor Pressure:	NA									
9.10	Vapor Density:	NA									
9.11	Relative Density:	NA									
9.12	Solubility:	Partial to complete									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	NA									
3.10	Other Information:	NA									
		10. STA	BILIT	Y & R	EACTI	VITY					
9.17		10. STA This product is stable.	BILIT'	Y & R	EACTI	VITY					
9.17	Stability: Hazardous Decomposition	This product is stable.					sult in dans	nerous pr	Accuro.		
9.17 10.1 10.2	Stability: Hazardous Decomposition Products:	This product is stable. Oxides of carbon (CO, CO ₂) and s					sult in dang	gerous pr	essure.		
9.17	Stability: Hazardous Decomposition Products: Hazardous Polymerization:	This product is stable. Oxides of carbon (CO, CO ₂) and s Will not occur.	sulfur (SC) ₂). Liber			sult in dang	gerous pr	essure.		
9.17 10.1 10.2 10.3 10.4	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid:	This product is stable. Oxides of carbon (CO, CO ₂) and s Will not occur. Open flames, sparks and high hea	sulfur (SC	O_2). Liber sunlight.	ation of ga	as my res					
9.17	Stability: Hazardous Decomposition Products: Hazardous Polymerization:	This product is stable. Oxides of carbon (CO, CO ₂) and s Will not occur. Open flames, sparks and high hea Store away from flammable liqu	sulfur (SC at, direct suids, flan	O ₂). Liber sunlight. nmable	ration of ga	as my res	nd other	incompat	ible mat		
9.17 10.1 10.2 10.3 10.4	Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid:	This product is stable. Oxides of carbon (CO, CO ₂) and s Will not occur. Open flames, sparks and high hea	sulfur (SC at, direct s uids, flan metal coi	Sunlight. nmable intaminati	ration of gassolids, ae on like iro	rosols and	nd other	incompat	ible mat	nination	. Do not st

SAFETY DATA SHEET

Page 4 of 6 2K-038

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11 1 Ingestion: NO 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity See Section 4.5 Suspected Carcinogen: 11.5 This product contains Hydrogen Peroxide, listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it's carcinogenicity to humans. Paraffinum Liquidum (Mineral Oil) is listed as IARC Group 1. 11.6 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: See Section 4.2 11.7 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability 12 1 There are no specific data available for this product. Effects on Plants & Animals: 122 There are no specific data available for this product. 12.3 Effects on Aquatic Life: The product itself has not been tested as a whole. There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Dispose of in accordance with federal, state and local regulations. Special Considerations: 13.2 NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 14.1 49 CFR (GND): **NOT REGULATED** 14.2 IATA (AIR): **NOT REGULATED** 14.3 IMDG (OCN): **NOT REGULATED** 14.4 TDGR (Canadian GND): **NOT REGULATED** ADR/RID (EU): 14.5 **NOT REGULATED** 14.6 SCT (MEXICO): NOT REGULATED ADGR (AUS): NOT REGULATED 14.7 15. REGULATORY INFORMATION SARA Reporting This product contains Phosphoric Acid, a substance subject to SARA Title III, Section 313 reporting requirements. 15.1 Requirements 15.2 SARA TPQ: There are no specific Threshold Planning Quantities for the components of this product. TSCA Inventory Status: 15.3 The components of this product are listed on the TSCA Inventory. CERCLA Reportable Quantity: 15.4 Phosphoric Acid: 5,000 lbs (2,270 kg) 15.5 This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, Other Federal Requirements (Cosmetics). Other Canadian Regulations: 15.6 This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. 15.7 State Regulatory Information: Paraffinum liquidum (mineral oil) is found on the following state criteria list: Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN) and Washington Permissible Exposures List (WA). Hydrogen Peroxide is found on the following state criteria list: FL, MA, MN, NJ, PA and WA. Etidronic Acid is found on the following state criteria list: NJ and PA. Phosphoric Acid is found on the following state criteria lists: FL, MA, MN, and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI) 15.8 Other Requirements: NA

SAFETY DATA SHEET

Page 5 of 6 **2K-038**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

		16. OTHER INFORMATION					
16.1	Other Information:	WARNING! CAUSES SERIOUS EYE IRRIATION. CAUSES MILD SKIN IRRITATION. For external use only. Use only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If skin irritation occurs: Get medical advice/attention. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.					
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & TU-K Industries, Inc.'s (2K Industries) knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.					
16.4	Prepared for:						
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com					

SAFETY DATA SHEET

Page 6 of 6 **2K-038**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/7/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH American Conference on Governmental Industrial Hygienists	
IDLH Immediately Dangerous to Life and Health	
NOHSC National Occupational Health and Safety Commission (Australia)	
OSHA U.S. Occupational Safety and Health Administration	
PEL Permissible Exposure Limit	
STEL Short Term Exposure Limit	
TLV Threshold Limit Value	
TWA Time Weighted Average	

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

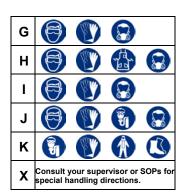
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1 Slight Hazard	
2 Moderate Hazard	
3 Severe Hazard	
4 Extreme Hazard	



PERSONAL PROTECTION RATINGS:

Α				
В				
С				
D	(Fr	(EV)	THE STATE OF THE S	
Е				
F			H.	





OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic	
Irrit	Irrit Irritant	
NA	Not Available	
NR	No Results	
ND	Not Determined	
NE	NE Not Established	
NF	Not Found	
SCBA	Self-Contained Breathing Apparatus	
Sens	Sensitization	
STOT RE	Specific Target Organ Toxicity – Repeat Exposure	
STOT SE	Specific Target Organ Toxicity – Single Exposure	

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	FLAMMABILITY LIMITS IN AIR:				
Autoignition Minimum temperature required to initiate combustion in air with no other sour of ignition					
LEL Lower Explosive Limit - lowest percent of vapor in air, by volume, explode or ignite in the presence of an ignition source					
UEL Upper Explosive Limit - highest percent of vapor in air, by volume, that explode or ignite in the presence of an ignition source					

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ X W X
W	Use No Water	HEALTH
ох	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{io} , LD _{io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TCo, LCio, & LCo	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®		②	(1)	®		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

	③		\Diamond			\Diamond		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.2

SDS Revision Date: 9/8/2017

		1. PRODUCT & COMPANY IDENTIFICATION
1.1	Product Name:	PULPRIOT SEMI-PERMANENT HAIR COLOR – ALL SHADES
1.2	Chemical Name:	NA NA
1.3	Synonyms:	PULPRIOT
1.4	Trade Names:	Pulpriot Semi-Permanent Hair Color – All Shades
1.5	Product Use:	Professional Use Only
1.6	Distributor's Name:	
1.7	Distributor's Address:	
1.8	Emergency Phone:	CHEMTEL: +1 (800) 255-3924 / +1 (813) 248-0585
1.9	Business Phone / Fax:	
2.1	Hazard Identification:	2. HAZARDS IDENTIFICATION This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! CAUSES SERIOUS EYE IRRITATION. CAUSES MILD SKIN IRRITATION. Classification: Eye Irrit. 2; Skin Irrit. 3
2.2	Label Elements: Other Warnings:	Hazard Statements (H): H319 – Causes serious eye irritation. H314 – Causes mild skin irritation. Precautionary Statements (P): P264 – Wash thoroughly after handling. P280 – Wear protective gloves and eye/face protection. P305+P351+P338 – IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 – If skin irritation occurs: Get medical advice/attention. P337+P313 – If eye irritation persists: Get medical advice/attention. P405 – Store locked up. P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).
2.3	Other warnings:	KEEP LOCKED UP AND OUT OF REACH OF CHILDREN . Preliminary patch testing is recommended. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.

3. COMPOSITION & INGREDIENT INFORMATION

					EXPOSURE LIMITS IN AIR (mg/m ³)								
					AC	GIH		NOHSC			OSHA		
					p	om		ppm			ppm		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
WATER (AQUA/EAU)	7732-18-5	ZC0110000	231-791-2	60-100	NA	NA	NF	NF	NF	NA	NA	NA	
With the (Medit Line)										,			_
CETYL ALCOHOL	36653-82-4	MM0225000	253-149-0	3-13	NA	NA	NF	NF	NF	NA	NA	NA	
STEARALKONIUM CHLORIDE	122-19-0	NA	204-527-9	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
GLYCERIN	56-81-5	MA8050000	200-289-5	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
PROPYLENE GLYCOL	57-55-6	TY2000000	200-338-0	1-5	NA	NA	150	474	NF	NA	NA	NA	
GLYCERYL STEARATE	31566-31-1	RG19250000	250-705-4	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
PEG-100 STEARATE	9004-99-3	MD0907300	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
GUAR HYDROXYPROPYL TRIMONIUM CHLORIDE	65497-29-2	NA	NA	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA	
STEARYL ALCOHOL	112-92-5	RG2010000	204-017-6	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA	
CETEARETH-20	68439-49-6	NA	NA	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA	
QUATERNIUM-75	NA Eye Irrit. 2; H3	NA` 19	NA	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA	
FRAGRANCE (PARFUM)	NA	NA	NA	0-0.5	NA	NA	NF	NF	NF	NA	NA	NA	
HYDROLYZED QUINOA	227025-12-9	NA	309-353-8	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
TETRASODIUM EDTA	64-02-8 Acute Tox 4 **	NA Eye Dam. 1; H3	200-573-9 02 H318	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
CITRIC ACID	77-92-9	GE7350000	201-069-1	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
METHYLCHLOROISOTHIAZOLINONE	26172-55-4	NX8157080	247-500-7	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
METHYLISOTHIAZOLINONE	2682-20-4	FE1250000	220-239-6	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
						-							

Page 2 of 6

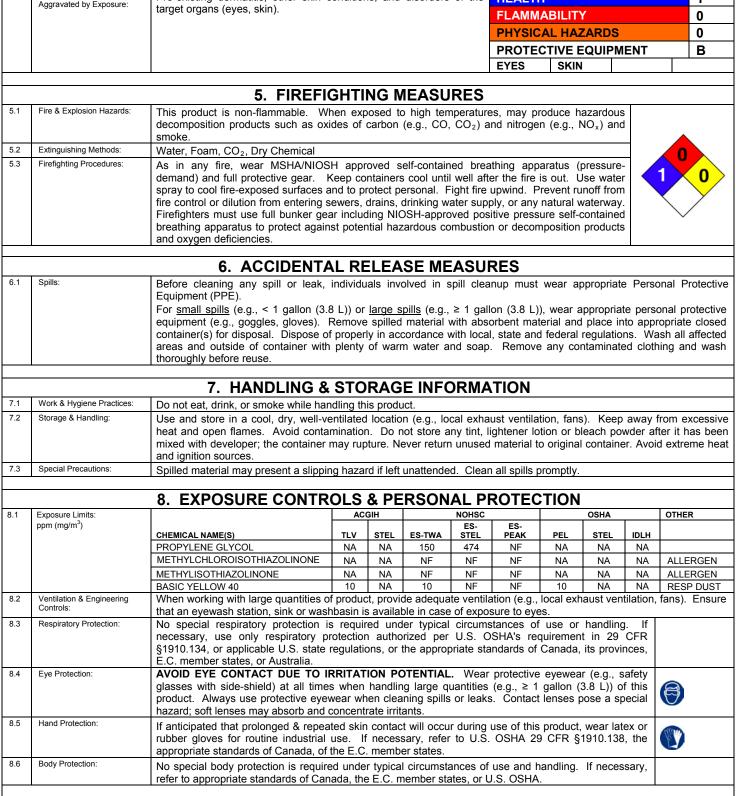
SAFETY DATA SHEET

		3. CUMP	OSITION	& INGKE	רובא <u>ו</u>	INF	UKI	IA I I					3.	
						AC	GIH		NOHSC		IMITS II	N AIR (m OSHA	. .	
							om		ppm			ppm		
	0.1. N.A.1.5.(0)		DTT 00 11		0,			ES-	ES-	ES-				
	CAL NAME(S) ALSO CONTAIN:	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	OTHER
IVIA T	ALSO CONTAIN.	47367-75-9	NA	251-403-5	00.5	NA	NA	NF	NF	NF	NA	NA	NA.	I
CI 510	004 (BASIC BLUE 3)	47307-73-9	INA	201-403-0	0. 0.0	INA	INA	INI	INI	INI	IVA	INA	INA	
CI 425	95 (BASIC BLUE 7)	2390-60-5	NA	219-232-0	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
BASIC	ORANGE 31	97404-02-9	NA	306-764-4	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
BASIC	RED 22	12221-52-2	NA	NA	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
BASIC	RED 51	77061-58-6	NA	278-601-4	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 425	20 (BASIC VIOLET 2)	3248-91-7	NA	221-831-7	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 425	36 (BASIC VIOLET 13)	81-48-1	NA	201-353-5	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
BASIC	YELLOW 29	NA	NA	NA	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
BASIC	YELLOW 40	29556-33-0	NA	249-694-9	00.5	10	NA	10	NF	NF	10	NA	NA	RESP DUST
BASIC	YELLOW 87	68259-00-7	NA	269-503-2	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 607	'30 (EXT VIOLET 2)	4430-18-6	NA	224-618-7	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 560	59 (BASIC BLUE 99)	68123-13-7	NA	268-544-3	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
HC BL	UE 15	147-14-8	NA	205-685-1	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 122	250 (BASIC BROWN 16)	26381-41-9	NA	247-640-9	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
BASIC	RED 14	65122-06-7	NA	NA	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 113	20 (BASIC ORANGE 1)	4438-16-8	NA	224-654-3	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 502	240 (BASIC RED 2)	477-73-6	NA	207-518-8	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
CI 122	251 (BASIC BROWN 17)	68391-32-2	NA	269-944-0	00.5	NA	NA	NF	NF	NF	NA	NA	NA	
				FIDOT AL										
4.4	Final Aid.	Ingestion		FIRST AI				boo b		allau	uod o	drink n	lontu d	of water or mill
4.1	First Aid:	Ingestion:	IMMEDIATEL' unconscious p	Y. If the patier person. Contac	nt is vomit at the near	ing, co	ntinue oison C	to off	er wat Cente	er or n er or lo	nilk. 1 cal en	Never g nergen	give wa	of water or milk ater or milk to ar aber. Provide ar stance that was
		Eyes:	water for at lea	ast 15 minutes.	Seek im	mediat	e med	ical att	ention			•		nts of lukewarm
		Skin:		e affected area										ed by a thorough ersists, contact a
		Inhalation:	Remove victin											
4.2	Effects of Exposure:	Ingestion: Eyes:	If product is sw Moderately irr watering.								clude	rednes	ss, itch	ing, irritation and
		Skin:	some sensitive	e individuals.	e product	can ca	ause a	llergic	skin r	eactior	ns (e.g	g., rash	ies, we	elts, dermatitis) i
4.3	Symptoms of Overexposure:	itching, and in	<u>Inhalation:</u> None expected. Overexposure in eyes may cause redness, itching and watering. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.											
4.4	Acute Health Effects:		ation to eyes.	Moderate irritat	ion to skir	near	affecto	d area	· C					
		ויייטטכומנכ וווונ	ation to Eyes.	viouciale IIIIdl	וואכ טו ווטי.	i iicai i	uncold	u aita	J.					

Page 3 of 6

SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.2 SDS Revision Date: 9/8/2017 4. FIRST AID MEASURES - cont'd 4.5 Chronic Health Effects: No harmful or chronic health effects are expected to occur from a single accidental ingestion. 4.6 Target Organs Eyes, Skin 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH 1 Aggravated by Exposure: target organs (eyes, skin). **FLAMMABILITY** 0 **PHYSICAL HAZARDS** 0 PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO, CO₂) and nitrogen (e.g., NO_x) and smoke. Extinguishing Methods: 5.2 Water, Foam, CO2, Dry Chemical 5.3 Firefighting Procedures: As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressuredemand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES 6 1 Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). For small spills (e.g., < 1 gallon (3.8 L)) or large spills (e.g., ≥ 1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Do not eat, drink, or smoke while handling this product. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames. Avoid contamination. Do not store any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Avoid extreme heat and ignition sources Special Precautions: 7.3 Spilled material may present a slipping hazard if left unattended. Clean all spills promptly. **EXPOSURE CONTROLS & PERSONAL PROTECTION** NOHSC OTHER **ACGIH** OSHA 8.1 Exposure Limits: ppm (mg/m³) ES-STEL FS-PEAK CHEMICAL NAME(S) STEL TLV ES-TWA PEL STEL IDLH PROPYLENE GLYCOL NA NA 150 474 NF NA NA NA METHYLCHLOROISOTHIAZOLINONE NA NA NF NF NF NA NA NA **ALLERGEN** METHYLISOTHIAZOLINONE ALLERGEN NA NA NF NF NF NA NA NA **BASIC YELLOW 40** 10 NA NF NA NA RESP DUST 10 NF 10 Ventilation & Engineering When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure 8.2 that an eyewash station, sink or washbasin is available in case of exposure to eyes 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR



Page 4 of 6

SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 9/8/2017 SDS Revision: 1.2 9. PHYSICAL & CHEMICAL PROPERTIES 9 1 Appearance: Off white to brightly colored liquid 9.2 Odor Characteristic 9.3 Odor Threshold NA pH: 94 NA 9.5 Melting Point/Freezing Point: NA 9.6 Initial Boiling Point/Boiling NA Range 97 Flashpoint NA 9.8 Upper/Lower Flammability NA Limits: Vapor Pressure: 9.9 NA Vapor Density 9.10 NA 9 11 Relative Density: NA Solubility 9 12 Partial to complete Partition Coefficient (log Pow): 9.13 NA 9.14 Autoignition Temperature NA 9.15 Decomposition Temperature: NA 9.16 Viscosity NA 9.17 Other Information: NA 10. STABILITY & REACTIVITY This product is stable. 10.1 Stability: 10.2 Hazardous Decomposition Oxides of carbon (CO, CO₂) and sulfur (SO₂). Liberation of gas my result in dangerous pressure. Products: 10.3 Hazardous Polymerization: Will not occur. Open flames, sparks and high heat, direct sunlight. 10.4 Conditions to Avoid: 10.5 Incompatible Substances Store away from flammable liquids, flammable solids, aerosols and other incompatible materials (e.g., reducing materials, combustible materials, metal contamination like iron, copper their alloys). Avoid contamination. Do not store any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Avoid extreme heat and ignition sources 11. TOXICOLOGICAL INFORMATION Absorption: YES 11.1 Routes of Entry: Ingestion: NO 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity: See Section 4.5 11.5 Suspected Carcinogen: This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov Reproductive Toxicity: 11.6 This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity This product is not reported to produce embryotoxic effects in humans. Teratogenicity This product is not reported to cause teratogenic effects in humans Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: 117 See Section 4.3 Biological Exposure Indices: 118 NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability There are no specific data available for this product 12.2 Effects on Plants & Animals: There are no specific data available for this product 12.3 Effects on Aquatic Life The product itself has not been tested as a whole. There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations.

13 1

13 2

Waste Disposal:

Special Considerations:

Page 5 of 6

SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.2

SDS Revision Date: 9/8/2017

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements					
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.					
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.					
15.4	CERCLA Reportable Quantity:	NA NA					
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.					
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects).					
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive					
		harm. For more information go to www.P65Warnings.ca.gov					
15.8	Other Requirements:	NA .					

16. OTHER INFORMATION

WARNING! CAUSES SERIOUS EYE IRRIATION. CAUSES MILD SKIN IRRITATION. For external use only. Use

only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly

		closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If skin irritation occurs: Get medical advice/attention. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. Preliminary patch testing is recommended. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & TU-K Industries, Inc.'s (2K Industries) knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared for:	

16.5 Prepared by:

16.1

Other Information:

ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com



Page 6 of 6

SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.2

SDS Revision Date: 9/8/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

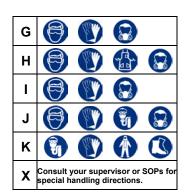
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

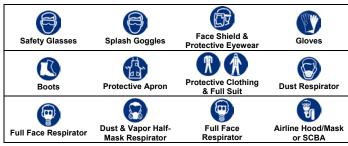
0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D	(EL)	THE STATE OF THE S	
Ε			
F		THE SECOND	





OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:							
Autoignition Temperature Minimum temperature required to initiate combustion in air with no other source of ignition							
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source						
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source						

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ Y ₩ Y
W	Use No Water	HEALTH
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

imals mal
mal

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System					
DOT	U.S. Department of Transportation					
TC	TC Transport Canada					
EPA	EPA U.S. Environmental Protection Agency					
DSL	Canadian Domestic Substance List					
NDSL	Canadian Non-Domestic Substance List					
PSL	Canadian Priority Substances List					
TSCA	U.S. Toxic Substance Control Act					
EU	European Union (European Union Directive 67/548/EEC)					
WGK	Wassergefährdungsklassen (German Water Hazard Class)					

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®		②	(1)	®		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SAFETY DATA SHEET

Page 1 of 6 **2K-039**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: THIRTY 1.2 Chemical Name: NA 1.3 Synonyms 30 Vol. Cream Developer (9%) 1.4 Trade Names Pulp Riot 1.5 Product Use: Professional Use Only 1.6 Distributor's Name: 1.7 Distributor's Address 1.8 Emergency Phone: CHEMTEL: +1 (800) 255-3924 / +01-813-248-0585 1.9 Business Phone / Fax: 2. HAZARDS IDENTIFICATION Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the 2.1 classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). DANGER! HARMFUL IF SWALLOWED. CAUSES SERIOUS EYE DAMAGE. Classification: Eye Irrit. 2; Acute Oral 4 2.2 Label Flements: Hazard Statements (H): H302 - Harmful if swallowed. H318 - Causes serious eye damage. Precautionary Statements (P): P264 - Wash thoroughly after handling. P280 - Wear protective gloves and eye/face protection. P305+P351+P338 - IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a poison center/doctor. P405 - Store locked up. P501 - Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF). 2.3 Other Warnings: Keep out of reach of children. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.

	<u> </u>	OMPOSIT	1011 & 111	CIVEDI		1141						•	
					EXPOSURE LIMITS IN AIR (mg/m³)							1	
						GIH	NOHSC			OSHA			
					pp	ppm		ppm			ppm		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
A CLIA (MATERIEALI)	7732-18-5	ZC0110000	231-791-2	75-90	NA	NA	NF	NF	NF	NA	NA	NA	
AQUA (WATER/EAU)		•	•										•
HYDROGEN PEROXIDE	7722-84-1	MX0900000	231-765-0	8.7-9.3	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
HYDROGEN PEROXIDE	Eye Irrit. 2; H	Eye Irrit. 2; H319											
PARAFFINUM LIQUIDUM	8012-95-1	PY8030000	232-384-2	3-10	5	10	NF	5	NF	5	10	2500	MIST
(MINERAL OIL)	Asp. Tox. 1; I	1304											
DECYL OLEATE	3687-46-5	NA	222-981-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
DECTE OFFATE													
CETYL ALCOHOL	36653-82-4	MM0225000	253-149-0	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
0211272001102								,					
STEARYL ALCOHOL	112-92-5	RG2010000	204-017-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
													1
PEG-40 CASTOR OIL	61791-12-6	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
. 20 10 0,10 0,10 10 11		Lead	Tara										1
SODIUM CETEARYL SUFATE	59186-41-3	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
	400.00.0	Tara	005.050.0	< 1.0	NA	NA	NF	NF	NF	NIA	NIA.	NIA	
DISODIUM EDTA	139-33-3	NA	205-358-3	< 1.0	INA	IVA	INF	INF	INF	NA	NA	NA	
TETRASODIUM	7722-88-5	UX7350000	231-767-1	< 1.0	5	NA	5	NF	NF	5	NA	NA	1
PYROPHOSPHATE	Eye Irrit. 2; H3		231-707-1	× 1.0	3	INA	<u> </u>	INI	INI	J	INA	INA	
	2809-21-4	SZ8562100	220-552-8	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
ETIDRONIC ACID		Acute Tox. 4; Eye				14/1	141	141	141	14/1	14/1	14/1	
	7664-38-2	TB6300000	231-633-2	< 1.0	(1)	(3)	NF	NF	NF	NA	NA	1000	
PHOSPHORIC ACID	Skin Corr. 1B;		120. 000 L		(')	(0)			1	1 1771	1 1773		1

SAFETY DATA SHEET

Page 2 of 6 **2K-039**

		4. FIRST AID MEASU	IRES							
4.1	First Aid:	If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or mi IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to a unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide a estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Eyes: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarn water for at least 15 minutes. Seek immediate medical attention. Skin: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact physician immediately. Inhalation: Remove victim to fresh air at once. Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea.								
4.2	Effects of Exposure:		vomiting and/or diarrhea.							
		watering.	es of overexposure may include redness, itching, irritation and cause allergic skin reactions (e.g., rashes, welts, dermatitis) in							
4.3	Symptoms of Overexposure:	Overexposure in eyes may cause severe damage, redness, itching and watering. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.								
4.4	Acute Health Effects:	, ,	nay include redness, itching, stinging, irritation and watering.							
4.5	Chronic Health Effects:	These ingredients may be irritating to skin and mucous me	embrane of the eye and respiratory system.							
4.6	Target Organs: Medical Conditions	Eyes, Skin, Respiratory System Pre-existing dermatitis, other skin conditions, and disord	dors of the LIFALTII							
4.7	Aggravated by Exposure:	target organs (eyes, skin, and respiratory system).	_							
			FLAMMABILITY 0 PHYSICAL HAZARDS 1							
			PROTECTIVE EQUIPMENT B EYES SKIN							
			LILO ONIN							
		5. FIREFIGHTING MEAS	SURES							
5.1	Fire & Explosion Hazards:	This product is not flammable.								
	Extinguishing Methods:									
5.2		CO ₂ , Halon (if permitted), Dry Chemical, Foam, as authorized								
5.2	Firefighting Procedures:	CO ₂ , Halon (if permitted), Dry Chemical, Foam, as authoric As in any fire, wear MSHA/NIOSH approved self-cordemand) and full protective gear. Keep containers cool spray to cool fire-exposed surfaces and to protect personal fire control or dilution from entering sewers, drains, drinkin Firefighters must use full bunker gear including NIOSH-appreathing apparatus to protect against potential hazardous and oxygen deficiencies.	ntained breathing apparatus (pressure- until well after the fire is out. Use water al. Fight fire upwind. Prevent runoff from ag water supply, or any natural waterway. pproved positive pressure self-contained							
		As in any fire, wear MSHA/NIOSH approved self-cordemand) and full protective gear. Keep containers cool spray to cool fire-exposed surfaces and to protect personal fire control or dilution from entering sewers, drains, drinkin Firefighters must use full bunker gear including NIOSH-appreathing apparatus to protect against potential hazardous	ntained breathing apparatus (pressure- until well after the fire is out. Use water al. Fight fire upwind. Prevent runoff from ag water supply, or any natural waterway. pproved positive pressure self-contained as combustion or decomposition products							
		As in any fire, wear MSHA/NIOSH approved self-cordemand) and full protective gear. Keep containers cool spray to cool fire-exposed surfaces and to protect personal fire control or dilution from entering sewers, drains, drinkin Firefighters must use full bunker gear including NIOSH-appreathing apparatus to protect against potential hazardous and oxygen deficiencies. 6. ACCIDENTAL RELEASE Before cleaning any spill or leak, individuals involved Equipment (PPE). Keep incompatible materials (e.g., orgated For Small Spills (e.g., < 1 gallon (3.8 L)) wear approping Maximize ventilation (open doors and windows). Remore appropriate closed container(s) for disposal. Dispose of put Wash all affected areas and outside of container with put clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to material (e.g., sand or earth). Transfer liquid to containers containers for proper disposal. Remove contaminated containers for proper disposal.	ntained breathing apparatus (pressure- until well after the fire is out. Use water al. Fight fire upwind. Prevent runoff from ag water supply, or any natural waterway. approved positive pressure self-contained as combustion or decomposition products MEASURES In spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must							
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-cordemand) and full protective gear. Keep containers cool spray to cool fire-exposed surfaces and to protect personal fire control or dilution from entering sewers, drains, drinkin Firefighters must use full bunker gear including NIOSH-appreathing apparatus to protect against potential hazardous and oxygen deficiencies. 6. ACCIDENTAL RELEASE IN Before cleaning any spill or leak, individuals involved Equipment (PPE). Keep incompatible materials (e.g., orgate For small spills (e.g., < 1 gallon (3.8 L)) wear appropinate closed container(s) for disposal. Dispose of pulling and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to material (e.g., sand or earth). Transfer liquid to containers containers for proper disposal. Remove contaminated containers for proper disposal.	ntained breathing apparatus (pressure- until well after the fire is out. Use water al. Fight fire upwind. Prevent runoff from ag water supply, or any natural waterway. Approved positive pressure self-contained as combustion or decomposition products MEASURES In spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a spill cleanup must							
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH approved self-cordemand) and full protective gear. Keep containers cool spray to cool fire-exposed surfaces and to protect persona fire control or dilution from entering sewers, drains, drinkin Firefighters must use full bunker gear including NIOSH-appreaching apparatus to protect against potential hazardous and oxygen deficiencies. 6. ACCIDENTAL RELEASE Before cleaning any spill or leak, individuals involved Equipment (PPE). Keep incompatible materials (e.g., orgate For small spills (e.g., < 1 gallon (3.8 L)) wear approping Maximize ventilation (open doors and windows). Remodapropriate closed container(s) for disposal. Dispose of p Wash all affected areas and outside of container with publication and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to material (e.g., sand or earth). Transfer liquid to containers containers for proper disposal. Remove contaminated of water. Keep spills and cleaning runoffs out of municipal set. 7. HANDLING & STORAGE IND Do not eat, drink, or smoke while handling this product. W	ntained breathing apparatus (pressure- until well after the fire is out. Use water al. Fight fire upwind. Prevent runoff from ag water supply, or any natural waterway. Approved positive pressure self-contained as combustion or decomposition products MEASURES In spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a priate personal protective equipment (e.g., goggles, gloves), and over spilled material with absorbent material and place into approperly in accordance with local, state and federal regulations, and other or water and soap. Remove any contaminated all unprotected individuals. Dike and contain spill with iner as for recovery or disposal and solid diking material to separate all unprotected individuals. Dike and contain spill with iner as for recovery or disposal and solid diking material to separate all to separate bothing promptly and wash affected skin areas with soap and all wash affected skin areas with soap and all wash thoroughly after handling. Avoid contact with flammable or arce, including metals, dust and organic materials. Keep bulk							
6.1	Firefighting Procedures: Spills:	As in any fire, wear MSHA/NIOSH approved self-cordemand) and full protective gear. Keep containers cool spray to cool fire-exposed surfaces and to protect personal fire control or dilution from entering sewers, drains, drinkin Firefighters must use full bunker gear including NIOSH-appreathing apparatus to protect against potential hazardous and oxygen deficiencies. 6. ACCIDENTAL RELEASE Before cleaning any spill or leak, individuals involved Equipment (PPE). Keep incompatible materials (e.g., orgater For small spills (e.g., < 1 gallon (3.8 L)) wear approping Maximize ventilation (open doors and windows). Remappropriate closed container(s) for disposal. Dispose of pwash all affected areas and outside of container with protothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to material (e.g., sand or earth). Transfer liquid to container containers for proper disposal. Remove contaminated containers for proper disposal and cleaning runoffs out of municipal selected areas and containers for product. Word and containers for product. Word and containers for product. Word and containers for product and containers for product. Word and for form any solution for the product for form and for form any solution for form any solution for form any solution for form an	ntained breathing apparatus (pressure- until well after the fire is out. Use water al. Fight fire upwind. Prevent runoff from ag water supply, or any natural waterway. Approved positive pressure self-contained as combustion or decomposition products MEASURES In spill cleanup must wear appropriate Personal Protective anics such as oil) away from spill. In a priate personal protective equipment (e.g., goggles, gloves), and over spilled material with absorbent material and place into approperly in accordance with local, state and federal regulations, and other or water and soap. Remove any contaminated all unprotected individuals. Dike and contain spill with iner as for recovery or disposal and solid diking material to separate all unprotected individuals. Dike and contain spill with iner as for recovery or disposal and solid diking material to separate all to separate bothing promptly and wash affected skin areas with soap and all wash affected skin areas with soap and all wash thoroughly after handling. Avoid contact with flammable or arce, including metals, dust and organic materials. Keep bulk							

SAFETY DATA SHEET

Page 3 of 6 **2K-039**

3.1	Exposure Limits:		AC	GIH		NOHSC			OSHA		OTHER		
	ppm (mg/m³)					ES-	ES-			I			
		CHEMICAL NAME(S) HYDROGEN PEROXIDE	(1.4)	STEL	ES-TWA	STEL	PEAK	PEL (1.4)	STEL	IDLH			
		PARAFFINUM LIQUIDUM	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75			
		(MINERAL OIL)	5	10	NF	5	NF	5	10	2500	MIST		
		TETRASODIÚM	5	NA	5	NF	NF	5	NA	NA			
		PYROPHOSPHATE	-										
0.0	\/til-ti 0	PHOSPHORIC ACID	(1)	(3)	NF	NF	NF	NA In and and	NA	1000	forms) Francis		
3.2	Ventilation & Engineering Controls:	When working with large quantities that an eyewash station, sink or was	<u>ashbasin</u>	is availa	ble in case	of expo	sure to eye	es.			fans). Ensu		
8.3	Respiratory Protection:	No special respiratory protection											
		necessary, use only respiratory											
		§1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.											
8.4	Eye Protection:	Wear protective eyewear (e.g., sa	fety alac	sas with	eida-ehiala	tle te (l	imae whar	n handlin	a this nr	oduct	_		
J. T	Lyc i fotcotion.	Always use protective eyewear w											
		soft lenses may absorb and conce					01 1011000	p000 u 0	p 0 0	,			
8.5	Hand Protection:	AVOID SKIN CONTACT DUE TO			DTENTIAL	. If antic	ipated tha	t prolona	ed & rep	eated			
		skin contact will occur during use									ann		
		If necessary, refer to U.S. OSHA									A P		
		member states.											
8.6	Body Protection:	AVOID SKIN CONTACT DUE TO SENSITIZING POTENTIAL. However, no special body protection is											
		required under typical circumstand	es of us	e and ha	ndling. If	necessa	ry, refer to	appropri	iate stan	dards			
		of Canada, the E.C. member state	s, or U.S	. OSHA.									
		0 5117/01041		=1410			TIE 0						
9.1	I Annogramos	9. PHYSICAL	& CH	EMIC/	AL PRO	JPER	IIES						
9.1	Appearance: Odor:	White free flowing lotion											
9.2	Odor Threshold:	Characteristic											
9.3	pH:	NA											
	· ·	NA											
9.5 9.6	Melting Point/Freezing Point:	NA											
9.0	Initial Boiling Point/Boiling Range:	NA											
9.7	Flashpoint:	NA											
9.8	Upper/Lower Flammability	NA											
9.9	Limits: Vapor Pressure:	NA											
9.10	Vapor Density:												
9.11	Relative Density:	NA NA											
9.12	Solubility:	NA Partial to a second to											
9.12	Partition Coefficient (log Pow):	Partial to complete											
	Autoignition Temperature:	NA											
9.14	,	NA											
9.15	Decomposition Temperature:	NA											
9.16	Viscosity:	NA											
9.17	Other Information:	NA											
		10. STA	ידו וום	V Q D	EACT	/ITV							
10.1	Stability:	This product is stable.	DILII	ICK	LACII	VIII							
10.1	Hazardous Decomposition	'	lfu- (00)) !b = -	otion of a		ا جاء ما السا						
	Products:	Oxides of carbon (CO, CO ₂) and s	suitur (SC	J ₂). Libei	ation of ga	is my res	suit in danç	gerous pr	essure.				
10.3	Hazardous Polymerization:	Will not occur.											
	Conditions to Avoid:	Open flames, sparks and high hea									,		
10.4			سحاك حاسن					4	اطنا				
	Incompatible Substances:	Store away from flammable liquids, flammable solids, aerosols and other incompatible materials (e.g., reducing materials, combustible materials, metal contamination like iron, copper their alloys). Avoid contamination. Do not store											
10.4 10.5	Incompatible Substances:		metal co	ntaminati	on like iro	n, coppe	r their allo	ys). Avo	id contar	nination	. Do not sto		

SAFETY DATA SHEET

Page 4 of 6 2K-039

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11 1 Ingestion: NO 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity See Section 4.5 Suspected Carcinogen: 11.5 This product contains Hydrogen Peroxide, listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it's carcinogenicity to humans. Paraffinum Liquidum (Mineral Oil) is listed as IARC Group 1. 11.6 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: See Section 4.2 11.7 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 12 1 Environmental Stability: There are no specific data available for this product. Effects on Plants & Animals: 122 There are no specific data available for this product. 12.3 Effects on Aquatic Life: The product itself has not been tested as a whole. There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Dispose of in accordance with federal, state and local regulations. Special Considerations: 13.2 NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR 49 CFR (GND): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III (LTD QTY, IPVOL ≤ 5.0 L) 14.2 IATA (AIR): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III (LTD QTY, IP VOL ≤ 0.5 L, PI Y541) 14.3 IMDG (OCN): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III (LTD QTY, IP VOL ≤ 5.0 L) 14.4 TDGR (Canadian GND): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III (LTD QTY, IP VOL ≤ 5.0 L) 14.5 ADR/RID (EU): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III (LTD QTY, IP $VOL \le 5.0 L$) 14.6 SCT (MEXICO): UN2984, PEROXIDO DE HIDROGENO EN SOLUCION ACUOSA (9%), 5.1, III (CANTIDAD LIMITADA, IP VOL ≤ 5.0 L) UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (9%), 5.1, III ADGR (AUS): 14.7 (LTD QTY, IP VOL ≤ 5.0 L) 15. REGULATORY INFORMATION SARA Reporting This product contains Phosphoric Acid, a substance subject to SARA Title III, Section 313 reporting requirements. 15.1 Requirements 15.2 SARA TPQ: There are no specific Threshold Planning Quantities for the components of this product. TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.3 CERCLA Reportable Quantity: 15.4 Phosphoric Acid: 5,000 lbs (2,270 kg) 15.5 Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, (Cosmetics) Other Canadian Regulations: 15.6 This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the

DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.

SAFETY DATA SHEET

Page 5 of 6 **2K-039**

		15. REGULATORY INFORMATION – cont'd			
15.7	State Regulatory Information: Other Requirements:	Paraffinum Liquidum (mineral oil) is found on the following state criteria list: Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN) and Washington Permissible Exposures List (WA). Hydrogen Peroxide is found on the following state criteria list: FL, MA, MN, NJ, PA and WA. Etidronic Acid is found on the following state criteria list: NJ and PA. Phosphoric Acid is found on the following state criteria lists: FL, MA, MN, and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).			
		16. OTHER INFORMATION			
16.1	Other Information:	DANGER! HARMFUL IF SWALLOWED. CAUSES SERIOUS EYE DAMAGE. For external use only. Use only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.			
		This product is designed and intended for use by a licensed cosmetologist/professional hairdresser only, and carries no warranty expressed or implied if used by others. CAN CAUSE AN ALLERGIC REACTION. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.			
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.			
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & TU-K Industries, Inc.'s (2K Industries) knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.			
16.4	Prepared for:				
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com			

SAFETY DATA SHEET

Page 6 of 6 **2K-039**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/7/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number	
RTECS No.	RTECS No. Registry of Toxic Effects of Chemical Substances Number	
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number	

EXPOSURE LIMITS IN AIR:

ACGIH	ACGIH American Conference on Governmental Industrial Hygienists	
IDLH Immediately Dangerous to Life and Health		
NOHSC	National Occupational Health and Safety Commission (Australia)	
OSHA U.S. Occupational Safety and Health Administration		
PEL Permissible Exposure Limit		
STEL Short Term Exposure Limit		
TLV Threshold Limit Value		
TWA	Time Weighted Average	

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

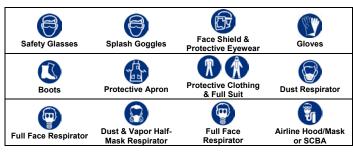
0	Minimal Hazard	
1	Slight Hazard	
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	



PERSONAL PROTECTION RATINGS:

Α				
В				
С			THE STATE OF THE S	
D	E STATE OF THE STA	(EL)	THE STATE OF THE S	
Е				
F			THE SECOND	

G				
Н			H, III	
ı				
J		(E)	FI	
K	F		Â	
Х	Consult y	our supe andling d	rvisor or irections.	SOPs for



OTHER STANDARD ABBREVIATIONS:

Carc	Carcinogenic	
Irrit	Irritant	
NA	Not Available	
NR	No Results	
ND	Not Determined	
NE	Not Established	
NF	Not Found	
SCBA	Self-Contained Breathing Apparatus	
Sens	Sensitization	
STOT RE	STOT RE Specific Target Organ Toxicity – Repeat Exposure	
STOT SE	OT SE Specific Target Organ Toxicity – Single Exposure	

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:		
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition	
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source	
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source	

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ \ \ \ \ \
W	Use No Water	HEALTH
ох	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals	
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal	
ppm	Concentration expressed in parts of material per million parts	
TD _{Io}	Lowest dose to cause a symptom	
TCLo	Lowest concentration to cause a symptom	
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects	
TC, TC _o , LC _{io} , & LC _o		
IARC	International Agency for Research on Cancer	
NTP	National Toxicology Program	
RTECS	Registry of Toxic Effects of Chemical Substances	
BCF	Bioconcentration Factor	
TL _m	Median threshold limit	
log Kow or log Koc	Coefficient of Oil/Water Distribution	

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System	
DOT	U.S. Department of Transportation	
TC	Transport Canada	
EPA	U.S. Environmental Protection Agency	
DSL	Canadian Domestic Substance List	
NDSL	Canadian Non-Domestic Substance List	
PSL	Canadian Priority Substances List	
TSCA U.S. Toxic Substance Control Act		
EU	European Union (European Union Directive 67/548/EEC)	
WGK	WGK Wassergefährdungsklassen (German Water Hazard Class)	

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®			Θ	(%)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SAFETY DATA SHEET

Page 1 of 6 **2K-040**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **FORTY** 1.2 Chemical Name: NA 1.3 Synonyms Pulp Riot 1.4 Trade Names 40 Vol. Cream Developer (12%) Product Use: 1.5 Professional Use Only 1.6 Distributor's Name: 1.7 Distributor's Address 1.8 Emergency Phone: CHEMTEL: +1 (800) 255-3924 / +01-813-248-0585 1.9 Business Phone / Fax: 2. HAZARDS IDENTIFICATION Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the 2.1 classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). DANGER! HARMFUL IF SWALLOWED. CAUSES SERIOUS EYE DAMAGE. Classification: Eye Irrit. 2; Acute Oral 4 Label Flements: 22 Hazard Statements (H): H302 - Harmful if swallowed. H318 - Causes serious eye damage. Precautionary Statements (P): P264 - Wash thoroughly after handling. P280 - Wear protective gloves and eye/face protection. P305+P351+P338 - IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a poison center/doctor. P405 - Store locked up. P501 - Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF). 2.3 Other Warnings: Keep out of reach of children. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness. 3. COMPOSITION & INGREDIENT INFORMATION

	- 0. 0.	71111 	1011 0 111				<u> </u>					, 3,	
					40	GIH	1	NOHSC		IMITS IN	OSHA		
					ppm				·				
					P	om		ppm			ppm		
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
ACULA (IA/ATED/EALL)	7732-18-5	ZC0110000	231-791-2	75-90	NA	NA	NF	NF	NF	NA	NA	NA	
AQUA (WATER/EAU)				•				•		•	•		
HYDROGEN PEROXIDE	7722-84-1	MX0900000	231-765-0	11-12.3	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75	
HTDROGEN PEROXIDE	Eye Irrit. 2; H3	319											
PARAFFINUM LIQUIDUM	8012-95-1	PY8030000	232-384-2	3-10	5	10	NF	5	NF	5	10	2500	MIST
(MINERAL OIL)	Asp. Tox. 1; H	Asp. Tox. 1; H304											
DECYL OLEATE	3687-46-5	NA	222-981-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
DECTL OLEATE													
CETYL ALCOHOL	36653-82-4	MM0225000	253-149-0	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
CETTE ALCOHOL													
STEARYL ALCOHOL	112-92-5	RG2010000	204-017-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
STEARTE ALCOHOL													
PEG-40 CASTOR OIL	61791-12-6	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
PEG-40 CASTOR OIL													
SODIUM CETEARYL SUFATE	59186-41-3	NA	NA	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
OODIOW OF IE/WITE OOF //TE													
DISODIUM EDTA	139-33-3	NA	205-358-3	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
			•										1
TETRASODIUM	7722-88-5	UX7350000	231-767-1	< 1.0	5	NA	5	NF	NF	5	NA	NA	
PYROPHOSPHATE	Eye Irrit. 2; H3	_											
ETIDRONIC ACID	2809-21-4	SZ8562100	220-552-8	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
211211311071312	Met. Corr. 1; A	Acute Tox. 4; Eye	Dam. 1; H290,	H302, H318									
PHOSPHORIC ACID	7664-38-2	TB6300000	231-633-2	< 1.0	(1)	(3)	NF	NF	NF	NA	NA	1000	
THOSI HORIO ACID	Skin Corr. 1B;	H314											

SAFETY DATA SHEET

Page 2 of 6 **2K-040**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision

		,		<u> </u>	
			4. FIRST AID MEASURES		
4.1	First Aid:	Eyes: Skin:	If ingested, do not induce vomiting. If product has IMMEDIATELY. If the patient is vomiting, continue to o unconscious person. Contact the nearest Poison Contrestimate of the time at which the material was ingest swallowed. Splashes are not likely; however, if product gets in the water for at least 15 minutes. Seek immediate medical alf irritation occurs and product is on the skin, rinse thorous washing of the affected area with soap and water. If physician immediately. Remove victim to fresh air at once.	ffer water or milk. Never give water or of Center or local emergency number. It ted and the amount of the substance e eyes, flush with copious amounts of attention.	milk to an Provide an that was lukewarm a thorough
4.2	Effects of Exposure:	Eyes: Skin:	If product is swallowed, may cause nausea, vomiting and Moderately irritating to the eyes. Symptoms of overexpwatering. May be irritating to skin. The product can cause allergi some sensitive individuals. None expected.	posure may include redness, itching, irri	
4.3	Symptoms of Overexposure:	include redne	e in eyes may cause severe damage, redness, itching and ss, itching, and irritation of affected areas. The productis) in some sensitive individuals.		
4.4	Acute Health Effects:		on to eyes. Symptoms of overexposure may include ation to skin near affected areas.	redness, itching, stinging, irritation and	watering.
4.5	Chronic Health Effects:	These ingredi	ents may be irritating to skin and mucous membrane of the	ne eye and respiratory system.	
4.6	Target Organs:	•	espiratory System		
4.7	Medical Conditions Aggravated by Exposure:		lermatitis, other skin conditions, and disorders of the (eyes, skin, and respiratory system).	HEALTH FLAMMABILITY	0
i				PHYSICAL HAZARDS	1
				PROTECTIVE EQUIPMENT	В
				EYES SKIN	•
			E EIDEFICHTING MEASURES		
5.1	Fire & Explosion Hazards:	This product is	5. FIREFIGHTING MEASURES		
5.2	Extinguishing Methods:		s not flammable. permitted), Dry Chemical, Foam, as authorized.		
5.3	Firefighting Procedures:	As in any fir demand) and spray to cool f fire control or Firefighters m	re, wear MSHA/NIOSH approved self-contained breat full protective gear. Keep containers cool until well after fire-exposed surfaces and to protect personal. Fight fire dilution from entering sewers, drains, drinking water supprust use full bunker gear including NIOSH-approved post aratus to protect against potential hazardous combustion	er the fire is out. Use water upwind. Prevent runoff from bly, or any natural waterway. itive pressure self-contained	1
		•	6. ACCIDENTAL RELEASE MEASU	RES	
6.1	Spills:	Before cleani Equipment (P For small spi	G. ACCIDENTAL RELEASE MEASURING any spill or leak, individuals involved in spill clean PE). Keep incompatible materials (e.g., organics such as tills (e.g., < 1 gallon (3.8 L)) wear appropriate person tillation (open doors and windows). Remove spilled in	nup must wear appropriate Personal soil) away from spill. al protective equipment (e.g., goggles	s, gloves).
6.1	Spills:	Before cleani Equipment (P For small spi Maximize ver appropriate cl Wash all affe clothing and v For large spi material (e.g., containers for	ng any spill or leak, individuals involved in spill clea PE). Keep incompatible materials (e.g., organics such as Ills (e.g., < 1 gallon (3.8 L)) wear appropriate persor	nup must wear appropriate Personal soil) away from spill. all protective equipment (e.g., goggles material with absorbent material and coordance with local, state and federal rem water and soap. Remove any conteted individuals. Dike and contain spill y or disposal and solid diking material toptly and wash affected skin areas with	s, gloves). place into egulations. itaminated with inert o separate
6.1	Spills:	Before cleani Equipment (P For small spi Maximize ver appropriate cl Wash all affe clothing and v For large spii material (e.g. containers for water. Keep	ng any spill or leak, individuals involved in spill clea PE). Keep incompatible materials (e.g., organics such as ills (e.g., < 1 gallon (3.8 L)) wear appropriate person ntilation (open doors and windows). Remove spilled losed container(s) for disposal. Dispose of properly in acceed areas and outside of container with plenty of way wash thoroughly before reuse. s (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unproted as and or earth). Transfer liquid to containers for recover proper disposal. Remove contaminated clothing prom	nup must wear appropriate Personal soil) away from spill. all protective equipment (e.g., goggles material with absorbent material and coordance with local, state and federal rem water and soap. Remove any conted individuals. Dike and contain spill y or disposal and solid diking material toptly and wash affected skin areas with pen bodies of water.	s, gloves). place into egulations. itaminated with inert o separate
7.1	Spills: Work & Hygiene Practices:	Before cleani Equipment (P For small spi Maximize ver appropriate cl Wash all affe clothing and w For large spii material (e.g. containers for water. Keep state of the combustible in covered. Wash	ng any spill or leak, individuals involved in spill clea PE). Keep incompatible materials (e.g., organics such as a lills (e.g., < 1 gallon (3.8 L)) wear appropriate person ntilation (open doors and windows). Remove spilled to osed container(s) for disposal. Dispose of properly in acceed areas and outside of container with plenty of war wash thoroughly before reuse. Ills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unproted a sand or earth). Transfer liquid to containers for recover proper disposal. Remove contaminated clothing promapills and cleaning runoffs out of municipal sewers and open the containers and containers are spills. Avoid contamination from any source, including the unintentional residues with soap and warm water.	nup must wear appropriate Personal soil) away from spill. all protective equipment (e.g., goggles material with absorbent material and coordance with local, state and federal rem water and soap. Remove any conted individuals. Dike and contain spill yor disposal and solid diking material to aptly and wash affected skin areas with pen bodies of water. ATION Thy after handling. Avoid contact with flang metals, dust and organic materials.	s, gloves). place into egulations. itaminated with inert o separate soap and
		Before cleani Equipment (P For small spi Maximize ver appropriate cl Wash all affe clothing and v For large spii material (e.g. containers for water. Keep s T. Do not eat, dr combustible n covered. Was Use and store	ng any spill or leak, individuals involved in spill clea PE). Keep incompatible materials (e.g., organics such as a llls (e.g., < 1 gallon (3.8 L)) wear appropriate person ntilation (open doors and windows). Remove spilled to osed container(s) for disposal. Dispose of properly in acceed areas and outside of container with plenty of way wash thoroughly before reuse. Ills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unproted a sand or earth). Transfer liquid to containers for recover proper disposal. Remove contaminated clothing prome spills and cleaning runoffs out of municipal sewers and output the product of the proper disposal in the product of the prod	nup must wear appropriate Personal soil) away from spill. all protective equipment (e.g., goggles material with absorbent material and coordance with local, state and federal rem water and soap. Remove any conteted individuals. Dike and contain spill yor disposal and solid diking material to apply and wash affected skin areas with pen bodies of water. TION Thy after handling. Avoid contact with flaing metals, dust and organic materials. Tust ventilation, fans). Keep away from	s, gloves). place into egulations. itaminated with inert o separate soap and mmable or Keep bulk excessive

SAFETY DATA SHEET

Page 3 of 6

2K-040

3.1	Exposure Limits:		AC	SIH		NOHSC			OSHA			
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH		
		HYDROGEN PEROXIDE	(1.4)	NA	(1.4)	NF	NF	(1.4)	NA	75		
		PARAFFINUM LIQUIDUM	` /		,			` <i>'</i>			MOT	
		(MINERAL OIL)	5	10	NF	5	NF	5	10	2500	MIST	
		TETRASODIUM	5	NA	5	NF	NF	5	NA	NA		
		PYROPHOSPHATE			_							
3.2	Ventilation & Engineering	PHOSPHORIC ACID	(1)	(3)	NF do adoqua	NF to ventile	NF	NA local oxh	NA Navet von	1000	fanc) Encu	
.2	Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation that an eyewash station, sink or washbasin is available in case of exposure to eyes.								illialion,	ialis). Liist	
1.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If										
		necessary, use only respiratory										
		§1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces,										
		E.C. member states, or Australia.										
3.4	Eye Protection:	Wear protective eyewear (e.g., sa										
		Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special haza soft lenses may absorb and concentrate irritants.										
3.5	Hand Protection:	·			STENTIAL	If autia	:	4	- d 0	4		
,.0	riana i rotoston.	AVOID SKIN CONTACT DUE TO skin contact will occur during use									aller	
		If necessary, refer to U.S. OSHA										
		member states.	_0 0, ,,	31010.10	o, alo app	· opriato	otaridardo	or ouride	<i>i</i> u, or the			
3.6	Body Protection:	AVOID SKIN CONTACT DUE TO	SENSIT	IZING P	OTENTIAL	Howe	ver no sn	ecial hod	v protect	ion is		
		required under typical circumstance										
		of Canada, the E.C. member state			. 3		,,	- 1-1-				
		9. PHYSICAL	& CHI	EMIC	AL PRO	OPER	TIES					
9.1	Appearance:	White free flowing lotion										
9.2	Odor:	Characteristic										
9.3	Odor Threshold:	NA NA										
9.4	pH:	NA NA										
9.5	Melting Point/Freezing Point:	NA										
9.6	Initial Boiling Point/Boiling	NA										
	Range:											
9.7	Flashpoint:	NA										
9.8	Upper/Lower Flammability Limits:	NA										
9.9	Vapor Pressure:	NA										
9.10	Vapor Density:	NA										
9.11	Relative Density:	NA										
9.12	Solubility:	Partial to complete										
9.13	Partition Coefficient (log Pow):	NA										
9.14	Autoignition Temperature:	NA										
9.15	Decomposition Temperature:	NA										
9.16	Viscosity:	NA										
9.17	Other Information:	NA NA										
		INA										
		10. STA	BII IT	Y & R	FACTI	VITY						
10.1	Stability:	This product is stable.	<u>~·=··</u>									
10.2	Hazardous Decomposition	'	sulfur (CC) \ iba-	otion of co	0 101 / 10 -	ult in do-	norous s	0001:50			
	Products:	Oxides of carbon (CO, CO ₂) and	sullur (SC	12). Liber	ation of ga	is my res	uit in danç	gerous pr	essure.			
10.3	Hazardous Polymerization:	Will not occur.										
10.4	Conditions to Avoid:	Open flames, sparks and high hea			11 -1 -		-1 -0			in all all all	· · · · · ·	
10.5	Incompatible Substances:	Store away from flammable liqu	uids, flan	nmable	solids, aei	rosols a	nd other	incompat	ible mat	erials (e.g., reduc	
		materials, combustible materials,										
		any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Avoid extreme heat and ignition sources.										

SAFETY DATA SHEET

Page 4 of 6 **2K-040**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/7/2017 SDS Revision: 1.0 11. TOXICOLOGICAL INFORMATION Absorption: YES Routes of Entry: 11 1 Ingestion: NO 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity See Section 4.5 Suspected Carcinogen: 11.5 This product contains Hydrogen Peroxide, listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it's carcinogenicity to humans. Paraffinum Liquidum (Mineral Oil) is listed as IARC Group 1. 11.6 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: See Section 4.2 11.7 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 12 1 Environmental Stability: There are no specific data available for this product Effects on Plants & Animals: 122 There are no specific data available for this product. 12.3 Effects on Aquatic Life: The product itself has not been tested as a whole. There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Dispose of in accordance with federal, state and local regulations. Special Considerations: 13.2 NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR 49 CFR (GND): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (12%), 5.1, III (LTD QTY, IPVOL ≤ 5.0 L) 14.2 IATA (AIR): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (12%), 5.1, III (LTD QTY, IP VOL ≤ 0.5 L, PI Y541) 14.3 IMDG (OCN): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (12%), 5.1, III (LTD QTY, IP VOL ≤ 5.0 L) 14.4 TDGR (Canadian GND): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (12%), 5.1, III (LTD QTY, IP VOL ≤ 5.0 L) 14.5 ADR/RID (EU): UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (12%), 5.1, III (LTD QTY, IP $VOL \le 5.0 L$) 14.6 SCT (MEXICO): UN2984, PEROXIDO DE HIDROGENO EN SOLUCION ACUOSA (12%), 5.1, III (CANTIDAD LIMITADA, IP VOL ≤ 5.0 L) UN2984, HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (12%), 5.1. III ADGR (AUS): 14.7 (LTD QTY, IP VOL \leq 5.0 L) 15. REGULATORY INFORMATION SARA Reporting This product contains Phosphoric Acid a substances subject to SARA Title III, section 313 reporting requirements. 15.1 Requirements 15.2 SARA TPQ: There are no specific Threshold Planning Quantities for the components of this product. TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.3 CERCLA Reportable Quantity: 15.4 Phosphoric Acid: 5,000 lbs (2,270 kg) 15.5 Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, (Cosmetics) Other Canadian Regulations 15.6 This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.

SAFETY DATA SHEET

Page 5 of 6

2K-040

		15. REGULATORY INFORMATION – cont'd
15.7	State Regulatory Information: Other Requirements:	Paraffinum Liquidum (mineral oil) is found on the following state criteria list: Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN) and Washington Permissible Exposures List (WA). Hydrogen Peroxide is found on the following state criteria list: FL, MA, MN, NJ, PA and WA. Etidronic Acid is found on the following state criteria lists: RJ, and PA. Phosphoric Acid is found on the following state criteria lists: FL, MA, MN, and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
13.0	Other Requirements.	NA
		40. OTHER INCORMATION
		16. OTHER INFORMATION
16.1	Other Information:	DANGER! HARMFUL IF SWALLOWED. CAUSES SERIOUS EYE DAMAGE. For external use only. Use only as directed. Discontinue use immediately if irritation develops Keep away from children. Keep container tightly closed in a cool place. When using do not eat or drink. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. This product is designed and intended for use by a licensed cosmetologist/professional hairdresser only, and carries no warranty expressed or implied if used by others. CAN CAUSE AN ALLERGIC REACTION. Preliminary patch testing is recommended. Tattoos, including black and temporary henna, may increase the risk of allergy, If a severe allergic reaction should occur, immediately seek medical attention. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & TU-K Industries, Inc.'s (2K Industries) knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared for:	
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com

Pulp Riot

SAFETY DATA SHEET

Page 6 of 6 **2K-040**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 4/7/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

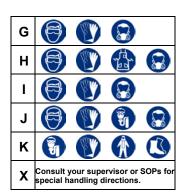
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard			
1	Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			



PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D	(E)	THE STATE OF THE S	
Е			
F		TH.	





OTHER STANDARD ABBREVIATIONS:

Carc	arcinogenic			
Irrit	Irritant			
NA	Not Available			
NR	No Results			
ND	Not Determined			
NE	Not Established			
NF	Not Found			
SCBA	Self-Contained Breathing Apparatus			
Sens	Sensitization			
STOT RE	Specific Target Organ Toxicity – Repeat Exposure			
STOT SE	Specific Target Organ Toxicity – Single Exposure			

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:						
Autoignition Temperature						
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					

HAZARD RATINGS:

0	Minimal Hazard	FLAMMABILITY
1	Slight Hazard	\
2	Moderate Hazard	REACTIVITY
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	/ ▼ ₩ ≯
W	Use No Water	HEALTH
ОХ	Oxidizer	SPECIAL
TREFOIL	Radioactive	PRECAUTIONS

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{io} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	®		②	Θ	(%)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Leftrightarrow		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 7/3/2017

	1. PRODUCT & COMPANY IDENTIFICATION						
1.1 P	Product Name:	PULP RIOT COLOR REMOVER LIGHTENER					
1.2 C	Chemical Name:	Persulfate Blend Hair Bleach					
1.3 S	Synonyms:						
1.4 T	rade Names:	PULP RIOT COLOR REMOVER LIGHTENER					
1.5 P	Product Uses & Restrictions:	Professional Cosmetic Use Only					
1.6 D	Distributoris Name:						
1.7 D	Distributor Address:						
1.8 E	mergency Phone:	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 10069)					
1.9 B	Business Phone / Fax:						

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia).

DANGER! MAY INTENSIFY FIRE; OXIDIZER. HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE RESPIRATORY IRRITATION.

<u>Classification</u>: Oxidizing Solid □ Category 3; Acute Toxicity □ Category 4; Skin Irritation □ Category 2; Eye Irritation □ Category 2A; Respiratory Sensitization □ Category 1; Skin Sensitization □ Category 1; Single Target Organ Toxicity (Single Exposure).

Hazard Statements (H): H272 □ May intensify fire; oxidizer. H302 □ Harmful if swallowed. H315 □ Causes skin irritation. H317 □ May cause an allergic skin reaction. H319 □ Causes serious eye irritation. H334 □ May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 □ May cause respiratory irritation.

Precautionary Statements (P): P210 - Keep away from heat/sparks/open flames/hot surfaces

No smoking. P220 - Keep/Store away from clothing/cotton/combustible materials. P261 - Avoid breathing dust/fumes. P264 - Wash hands and exposed skin areas with soap and warm water thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P284 - If necessary, wear respiratory protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 - IF ON SKIN: Wash with soap and water. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P321 -Specific treatment (see section 4 of the Safety Data Sheet or the product label). P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or a rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists get medical advice/attention. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. P362+P364 - Take off contaminated clothing and wash before reuse. P370+P378 - In case of fire: Use CO2, Halon (if permitted), dry chemical, or foam for extinction. P403+P233 - Store in a well ventilated place. Keep container tightly closed. P405 -Store locked up. P501 - Dispose of contents/container to licensed treatment, storage or disposal facility (TSDF).



3. COMPOSITION & INGREDIENT INFORMATION

					EXPOSURE LIMITS IN AIR (mg/m³)										
				ACGIH			NOHSC			OSHA					
					pp	m		ppm			ppm				
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER		
AMMONIUM DEDOUI FATE	7727-54-0	SE0350000	231-786-5	10-30	(0.1)	NA	NF	NF	NF	NA	NA	NA			
AMMONIUM PERSULFATE	Ox. Sol. 3; Acu	Ox. Sol. 3; Acute Tox. 4; Skin Irrit. 2; Skin Sens. 1; Eye Irrit. 2; Resp. Sens. 2; H272, H302, H315, H317, H319, H334,H335													
	7727-21-1	SE0400000	231-781-8	30-60	(0.1)	NA	NF	NF	NF	NA	NA	NA			
POTASSIUM PERSULFATE	Ox. Sol. 3; Acu H335	Ox. Sol. 3; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; Resp. Sens. 1; Skin Sens. 1; STOT SE 3; H272, H302, H315, H317, H319, H334, H335													
SODIUM SILICATE	1344-09-8	NA	215-687-4	10-30	NA	NA	NF	NF	NF	NA	NA	NA			
SODIOW SILICATE	Acute Tox. 4; \$	Skin Irrit. 2;Eye D	am. 1; H302, H3	15, H318											
PROPRIETARY BLEND	NA	NA	NA	BAL	NA	NA	NF	NF	NF	NA	NA	NA			

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 7/3/2017

rep	ared to OSHA, ACC, ANSI, N	IOHSC, WHMIS,	S, G	<u>SHE</u>	& E	:U Sta	tanda	lards	<u>; </u>							SL	S Re	visio	n: 1.0			SD	S Re	visio	n Date	e: 7/3/2	2017	
							<u>4. </u>	FI	RS	ST	AIE	O N	/IE/	<u>AS</u>	SUE	RE	S											
1.1	First Aid:	Ingestion: Eyes: Skin:	i t ! ! !	offeringer the If policy lens irrigation of the If policy lens irrigation of the If research t	er pl jeste e time produ ses gatic edne	lenty ed, cone an luct if if pon. I ess,	y of cont nd a is ir pres If pr , dry	f wa tact amou in the sent broble ynes	ater of the ount of the eyel o	or mean of the yes, and ear other	nilk. e su flus asy ists, er si	Never Pois Pois Pois Pois Pois Pois Pois Pois	ver g son ance ith c do, d isult of ir	give Cor that opic con a p	war ntrol at wa ous tinuc hysi	ter cas so amone fluctured to the contract to	or minter wallounts ushing the state of the	ilk to or lowed wed of of ig.	o an u ocal e l. Ge water Oper	mer t me for n ar	edica at I ad c	ious cy n al ati eas lose	persumb entice t 15 e eye	son er. on in mir elide	If land Provented International Provented Internationa	niting irge q ide ar iately Rem ensu	uanti esti nove re th	ties a mate conta
		Inhalation:																p.	t irrita	tion	pers	sists	, coi	nsu	t a pr	ysicia	n.	
4.2	Effects of Exposure:	Ingestion:								ssary								n m	2V C2	1160	AV/0	lutio	n of	F OV	vaen	which	ma	/ C2II
7.2	Enough Exposure.	Eyes: Skin: Inhalation:	i 1 ((<u>:</u>	May dev May (e.g Pro	ury bay cay velopay bay g., ra olong eathi	by disperse irritations de la constant de la consta	ister e irri s, the itatir es, v exp Ex	ention ritation ne re ing to welt posu xces	on of ion, esult to sk ts, d ure r	f the orednating rekin, edition to the contraction from the contraction	esop ness mixtu espe atitis cau alati	ohag ure r ciall s) up se in	gus onging may y aft yon p rritat of du	or signal caused the cause of t	tomatuse sproto onge in may	eari seve onge ed o nose res	May ng. ere e ed co r rep and ult ir	we intace the control of the control	use na en blo ritation et. The ed expost winsitiza	ause each on ar ne prosu osu	ea, von por nd por rodu ire. hest	romi wde ossi oct c	ting and the comments of the c	and re re eye aus	diarri nixed injury e alle coug	nea. with	perox kin re	kides eactio difficu
4.3	Symptoms of Overexposure:	Symptoms may cause upon prolon	e rec	edne	ess,	itch	ning	and	d wa	aterin																		
4.4	Acute Health Effects:	Moderate in							_		area	as.	This	pro	oduc	t ca	uses	se	ious e	eye i	rrita	tion						
4.5	Chronic Health Effects:	The materia																										
4.6	Target Organs:	Eyes, skin &	& re	esp	oirate	ory s	syst	tem	i																			
4.7	Medical Conditions Aggravated by Exposure:	Acute health include irritate Existing derical conditions (itatir erma (su	ing atol	pro logic	opert cal c	ties cond	to ditio	eye ons (es, r (such	espi h as	irato ecz	ry s zema	syst a) a	em and i	and resp	d ski irato	n. ry	HEA FLA PHY PRO	MM SIC	AB AL	HA	ZAF			T		1 1 1 B
		aggravated.	1.															ŀ	EYES			VE SKI		JIP	VI C IN		1	D
				—			—											!	EIE	<u> </u>		SKI	IN					
						5		DE	<u> </u>	IGH	JTI	NG	2 M		Λ Q	111	DE	2										
5.2	Fire & Explosion Hazards: Extinguishing Methods: Firefighting Procedures:	DANGER! and may th with media product on Rinse spon undergo de material witl CO ₂ , Halon Class A or extinguisher Flood with v This product self-contains cool until w	there a ap n too onge deco vith la on (if or Cla er Sl er sl uct is ined well	reby pproposed es omp larg if pe lass shou ater is a d bro	y still coprise s and position of the control of the coprise s and a coprise s	imulation spond modification uant nitted extirals of use oxidization the f	ate for nges ops in tities d), De ngui be e water gapp fire	the es or the es of Dry uishe apprater and para	mbus bur orou corou coro coro	estion rning ops I ughly esend ter. emica hould briate ray to ay in g (pre Use	n of the may may bet ce of all, Fed to a coordinates were well as the magnitude of the magn	flam ateria cau fore of m cau addr ol fire sify f	mab al. f use stomoistr n, as ficien ess e-ex fire. ema spra	Proofire rage ure Sau the pose As and)	and duct . Rii e. F and or the local sin and or co	cornse Person he pation any difful full following contraction of the c	nbus ntain towe ulfate eat. : d. W rodu n of tl ainer fire, I pro re-ex	vatect week	mate didizing horous mpoor and and structure and structure and structure get ed su	erials g m ighly unds d flo /or f ver, d eq uctu SHA ear. urfac	s. E. later / be s ma cood foam sele luipr res. /NIO Ke ces a	xting ials fore ay i dec	guish Residisping gnite compitypic n of t invo	n firmsidu sidu pos e ai posii ally a fi polve rove	es al al. al. al	1	1 0x	1
		personnel. I supply, or a positive pre decompositi <u>HazChem C</u> <u>Hazard Ider</u>	any oress sition Coo	y na sure n pr ode:	atura re s rodu : 2P	al waself-c ucts.	ater cont	rway taine	y. Fi ed I	refig	ghter	rs m	ust ı	use	full	bun	ker g	jear	inclu	ding	NIC	SH	-app	rove	ed			
			6	 Տ.	A	CC	ID	ΕN	VT/	AL	RE	ELI	EΑ	SE	E N	1E	AS	UF	ES									
6.1	Spills:	Before clea Equipment. Small Spills Use a non-odisposal. E sparking ma another con	it. F lls: (e n-cor Do mate	Plas (e.g. ombi o no eria	stic J., oustil ot us	or ru 1.0 l ble r se w	ubbe lbs mat vate	er g (0.4 teria er or	glove 45 ko al su rar	es, re (g)). uch a mate	espir Wea as ve erial	rator ar ap ermio	r, eye oprop culite	e pr pria e or s s	roted ate p sar peed	ction rote nd to dy c	and ctive	l ap eq ak u	on mulipment of the	ay b nt ir prod	e re nclud duct ateri	quir ding and al.	ed for glov I plac Swe	or cl es a ce i eep	ean-u and po nto a up m	p of la rotecti conta ateria	arge : ve e iner I usi	spills. yewea for lating no

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 7/3/2017

		7. HANDLIN	IC 9	ST0	DAGE	INIEOD		NI NI					
7.4	More Ollegion - D												
7.1	Work & Hygiene Practices:	Do not eat, drink or smoke wh combustible materials. Avoid materials covered. Use chem water.	contan	nination	from any	source, in	cluding me	etals, du	ust and	organic	materials. Keep bulk		
7.2	Storage & Handling:	local exhaust ventilation, fans away from incompatible subs	eep this material away from heat, sparks and open flame. Use and store in a cool, dry, well-ventilated location (e.g., cal exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F (49 °C). Keep way from incompatible substances. Protect containers from physical damage. To avoid unintentional spraying keep ap in place when not in use. Store away from incompatible materials (see Section 10).										
7.3	Special Precautions:	Spilled material may present a to come into contact with moutensils inside containers of p	oisture										
		8. EXPOSURE CO	NTR	OLS	& PER	SONAI	L PRO	ГЕСТ	ION				
8.1	Exposure Limits:		AC	GIH		NOHSC			OSHA		OTHER		
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH			
		POTASSIUM PERSULFATE	(0.1)	NA NA	NF NE	NF NE	NF NE	NA NA	NA NA	NA NA			
8.2	Ventilation & Engineering Controls:	When working with large quar	MMONIUM PERSULFATE (0.1) NA NF NF NF NF NA NA NA NA MA NA MA NA										
8.3	Respiratory Protection:	necessary, use only respirate §1910.134, or applicable U.	lo special respiratory protection is required under typical circumstances of use or handling. If ecessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR 1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its rovinces, E.C. member states, or Australia.										
8.4	Eye Protection:	Avoid contact. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact enses pose a special hazard; soft lenses may absorb and concentrate irritants.											
8.5	Hand Protection:	latex or rubber gloves for re	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.										
8.6	Body Protection:	appropriate protective clothing	No special body protection is required under typical circumstances of use and handling. Wear appropriate protective clothing to prevent skin contact, (e.g., boots, lab coat, apron, coveralls) as needed. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S.										
		9. PHYSICA	3 IZ	CHE	ΜΙζΔΙ	PROF	PERTIE	S					
9.1	Appearance:	Free flowing powder	<u> </u>	O.I.L	MIOAL								
9.2	Odor:	Bleach odor (no fragrance add	ded)										
9.3	Odor Threshold:	NA	,										
9.4	pH:	9-11.5											
9.5	Melting Point/Freezing Point:	NA											
9.6	Initial Boiling Point/Boiling Range:	NA											
9.7	Flashpoint:	NA											
9.8	Upper/Lower Flammability Limits:	NA											
9.9	Vapor Pressure:	NA											
9.10	Vapor Density:	NA											
9.11	Relative Density:	< 0.5											
9.12	Solubility:	4.7 g in 100 mL water											
9.13	Partition Coefficient (log Pow):	NA											
9.14	Autoignition Temperature:	NA											
9.15	Decomposition Temperature:	NA											
	Viscosity:	NA											
9.16	Viscosity.	11/1											

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 7/3/2017

	Lacture	10. STABILITY & REACTIVITY
10.1	Stability:	Unstable. Gradually decomposes losing oxygen. Decomposes more rapidly at higher temperatures. Metals other that stainless steel are apt to cause decomposition of persulfate solutions. Generates heat when mixed with acid. May read with ammonium salt solutions resulting in evolution of ammonia gas. Liberation of oxygen gas may result in dangerou pressures.
10.2	Hazardous Decomposition Products:	If exposed to <u>extremely high temperatures</u> , products of thermal decomposition may include irritating vapors and toxi gases (e.g., CO, CO ₂ , and SO ₂). Liberation of gas (e.g., oxygen) may result in dangerous pressures. Decomposed b moisture to form oxygen and ozone. Burning may produce nitrogen oxides, sulfur oxides, and sulfuric acid.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight. Moisture, combustible material, heat, flame, ignition sources, shocl friction, powdered metals, phosphorus, hydrides, organic matter, halogens, acids, alkalis, and incompatibles.
10.5	Incompatible Substances:	Reducing agents, organics, some acids, flammable materials. Do not use metallic bowls or utensils when mixing the product. Avoid contamination with moisture, combustible or organic materials (e.g., sawdust, damp paper towels).
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, i available for some of the components of the product but is not presented in this document.
11.3	Acute Toxicity:	Moderate irritation to skin near affected areas. This product causes serious eye irritation.
11.4	Chronic Toxicity:	The material may aggravate any pre-existing skin condition (e.g., dermatitis). This product can cause allergic ski reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
11.5	Suspected Carcinogen:	No
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
11.8	Biological Exposure Indices:	NE .
11.0	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	environmental data available for the components of this product are available, but are not presented in this Safety Dat
	,	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet.
12.2	Effects on Plants & Animals:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product.
12.2	,	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product.
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12.2 12.3	Effects on Plants & Animals: Effects on Aquatic Life:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS
12.2 12.3	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable)
12.2 12.3 13.1 13.2	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nur	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition.
12.2 12.3 13.1 13.2	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nur	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional erequired by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III
12.2 12.3 13.1 13.2 The desc	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may b	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION The proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition to e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or CONSUMER COMMODITY, ORM-D □ until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III
12.2 12.3 13.1 13.2 The desc 14.1	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may b	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION There, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or CONSUMER COMMODITY, ORM-D □ until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 1.0 kg) UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 1.0 kg)
12.2 12.3 13.1 13.2 The desc 14.1 14.2	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may become under the property of the property	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION Theorem of the components of the product, but are not presented in this Safety Data Sheet. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION Theorem of the some of the components of the product, but are not presented in this Safety Data Sheet. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION Theorem of the some of the components of the product. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION Theorem of the some of the components of the product. U.S. EPA Waste Number: D001 (characteristic - ignitable) 15. U.S. EPA Waste Number: D001 (characteristic - ignitable) 16. U.S. EPA Waste Number: D001 (characteristic - ignitable) 17. U.S. EPA Waste Number: D001 (characteristic - ignitable) 18. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic - ignitable) 19. U.S. EPA Waste Number: D001 (characteristic
12.2 12.3 13.1 13.2 The desi 14.1 14.2	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may basic description (ID Nurcriptive information may basic description): IATA (AIR): IMDG (OCN): TDGR (Canadian GND):	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION There, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition to required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or CONSUMER COMMODITY, ORM-D □ until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg) UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or ILIMITED QUANTITY □ or QUANTITÉ LIMITÉE □ or ILTD QTY □ or ILTD
12.2 12.3 13.1 13.2 The desc	Effects on Plants & Animals: Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may become under the property of the property	The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available, but are not presented in this Safety Dat Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of th product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or CONSUMER COMMODITY, ORM-D □ until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or LIMITED QUANTITY□ or QUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANT LTÉE□ (IP VOL □ 5.0 kg); or LIMITED QUANTITY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANT LTÉE□ (IP VOL □ 5.0 kg); or CONSUMER COMMODITY (IP VOL □ 5.0 kg); or LIMITED QUANTITY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANT LTÉE□ (IP VOL □ 5.0 kg); or LIMITED QUANTITY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANT LTÉE□ (IP VOL □ 5.0 kg); or LIMITED QUANTITY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANT LTÉE□ (IP VOL □ 5.0 kg); or LIMITED QUANTITY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANTITY□ or IQUANTITÉ LIMITÉE□ or LTD QTY□ or IQUANTITY□ or IQ

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 7/3/2017

Prepa	ared to USHA, ACC, ANSI, NO	DHSC, WHMIS, GHS & EU Standards SDS Revision: 1.0 SDS Revision Date: //3/2017
		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.
15.2	SARA Threshold Planning Qty:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity:	NA NA
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the Safety Data Sheet contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS C, D2B (Oxidizing Agent, Other Toxic Effects)
15.7	State Regulatory Information:	<u>Potassium Persulfate</u> is found on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), and Pennsylvania Right-to-Know List (PA).
		Ammonium Persulfate is found on the following state criteria lists: NJ and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: Potassium Persulfate: Oxidizer, Harmful (O, Xn). Risk Phrases (R): 8-22-36/37/38-42/43 Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. Safety Phrases (S): (2)-3-7-17-22-24-26-37-51 - Keep out of the reach of children. Keep in a cool place. Keep container tightly closed. Keep away from combustible material. Do not breathe dust. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Use only in well-ventilated areas. Ammonium Persulfate: Oxidizer, Harmful (O, Xn). Risk Phrases (R): 8-22-36/37/38-42/43 Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. Safety Phrases (S): (2)-3-7-17-22-24-26-37-51 - Keep out of the reach of children. Keep in a cool place. Keep container tightly closed. Keep away from combustible material. Do not breathe dust. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Use only in well-ventilated areas.
		16. OTHER INFORMATION

16. OTHER INFORMATION

		10: OTHER IN ORMATION
16.1	Other Information:	DANGER! MAY INTENSIFY FIRE; OXIDIZER. HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. MAY
		CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE ALLERGY OR
		ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE RESPIRATORY IRRITATION.
		Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep/Store away from
		clothing/cotton/combustible materials. Avoid breathing dust/fumes. Wash hands and exposed skin areas with soap and
		warm water thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a
		well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective
		gloves/protective clothing/eye protection/face protection. If necessary, wear respiratory protection. IF SWALLOWED:
		Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with soap and water. IF INHALED:
		Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with
		water for several minutes. Remove contact lenses if present and easy to do \square continue rinsing. Call a POISON
		CENTER or doctor/physician if you feel unwell. Specific treatment (see section 4 of the Safety Data Sheet or the
		product label) Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or a rash occurs: Get
		medical advice/attention. If eye irritation persists get medical advice/attention. If experiencing respiratory symptoms:
		Call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash before reuse. In case of fire:
		Use CO2, Halon (if permitted), dry chemical, or foam for extinction. Store in a well ventilated place. Keep container
		tightly closed. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government
		regulations must be reviewed for applicability to this product. To the best of Hair Systems knowledge, the information contained herein is
		reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type,
		either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult
		the latest edition.
16.4	Issued by:	

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision Date: 7/3/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number				
EXPOSURE LIMITS IN AIR:					
ACGIH	American Conference on Governmental Industrial Hygienists				
С	Ceiling Limit				
ES	Exposure Standard (Australia)				
IDLH	Immediately Dangerous to Life and Health				
OSHA	U.S. Occupational Safety and Health Administration				
PEL	Permissible Exposure Limit				
STEL	Short-Term Exposure Limit				
TLV	Threshold Limit Value				
TWA	Time Weighted Average				

FIRST AID MEASURES:

Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH FLAMMABILITY PHYSICAL HAZARDS PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

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F		H.)
1				







Face Shield & Protective Eyewear







Protective Clothing & Full Suit





Full Face Respirator

Dust & Vapor Half-Mask Respirator

Full Face Respirator

The state of the s

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit							
mg/m3	milligrams per cubic meter							
NA	Not Available							
ND	Not Determined							
NE	Not Established							
NF	Not Found							
NR	No Results							
ppm	parts per million							
SCBA	Self-Contained Breathing Apparatus							

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:								
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition							
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source							

UEL Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard					
1	Slight Hazard					
2	Moderate Hazard					
3	Severe Hazard					
4	Extreme Hazard					
ACD	Acidic					
ALK	Alkaline					
COR	Corrosive					
W	Use No Water					
ОХ	Oxidizer					
TREFOIL	Radioactive					

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
	S
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{io} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

	(2)	(2)		\odot	®		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

			*			X	X
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

		®	\Diamond	N N N N N N N N N N N N N N N N N N N		\diamondsuit		***
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 3/8/2017

1. PRODUCT & COMPANY IDENTIFICATION								
1.1 Product Name:	PULP RIOT HAIR LIGHTENER							
1.2 Chemical Name:	Persulfate Blend Hair Bleach							
1.3 Synonyms:	BLEND1496							
1.4 Trade Names:	PULP RIOT HAIR LIGHTENER							
1.5 Product Uses & Restrictions:	Professional Cosmetic Use Only							
1.6 Distributoris Name:								
1.7 Distributoris Address:								
1.8 Emergency Phone:	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 10069)							
1.9 Business Phone / Fax:								

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia).

DANGER! MAY INTENSIFY FIRE; OXIDIZER. HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE RESPIRATORY IRRITATION.

<u>Classification</u>: Oxidizing Solid □ Category 3; Acute Toxicity □ Category 4; Skin Irritation □ Category 2; Eye Irritation □ Category 2A; Respiratory Sensitization □ Category 1; Skin Sensitization □ Category 1; Single Target Organ Toxicity (Single Exposure).

Hazard Statements (H): H272 □ May intensify fire; oxidizer. H302 □ Harmful if swallowed. H315 □ Causes skin irritation. H317 □ May cause an allergic skin reaction. H319 □ Causes serious eye irritation. H334 □ May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 □ May cause respiratory irritation.

Precautionary Statements (P): P210 - Keep away from heat/sparks/open flames/hot surfaces

No smoking. P220 - Keep/Store away from clothing/cotton/combustible materials. P261 - Avoid breathing dust/fumes. P264 - Wash hands and exposed skin areas with soap and warm water thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P284 - If necessary, wear respiratory protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 - IF ON SKIN: Wash with soap and water. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P321 -Specific treatment (see section 4 of the Safety Data Sheet or the product label). P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or a rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists get medical advice/attention. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. P362+P364 - Take off contaminated clothing and wash before reuse. P370+P378 - In case of fire: Use CO2, Halon (if permitted), dry chemical, or foam for extinction. P403+P233 - Store in a well ventilated place. Keep container tightly closed. P405 -Store locked up. P501 - Dispose of contents/container to licensed treatment, storage or disposal facility (TSDF).



3. COMPOSITION & INGREDIENT INFORMATION

								EXPO	SURE LI	MITS IN	AIR (mg	J/m³)		
					AC	ACGIH NOHSC		OSHA						
					ppm		ppm ppm				ppm			
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER	
	7727-54-0	SE0350000	231-786-5	1-10	(0.1)	NA	NF	NF	NF	NA	NA	NA		
AMMONIUM PERSULFATE	Ox. Sol. 3; Acute Tox. 4; Skin Irrit. 2; Skin Sens. 1; Eve Irrit. 2; Resp. Sens. 2; H272, H302, H315, H317, H319, H334,H335													
	7727-21-1	SE0400000	231-781-8	30-60	(0.1)	NA	NF	NF	NF	NA	NA	NA		
POTASSIUM PERSULFATE	Ox. Sol. 3; Acu H335	te Tox. 4; Skin Irr	rit. 2; Eye Irrit. 2/	A; Resp. Se	ns. 1; §	Skin Sei	ns. 1; S	TOT S	E 3; H2	72, H30	02, H31	5, H317	, H319, H334,	
SODIUM SILICATE	1344-09-8	NA	215-687-4	10-30	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM SILICATE	Acute Tox. 4; S	Skin Irrit. 2;Eye Da	am. 1; H302, H3	15, H318										
PROPRIETARY BLEND	NA	NA	NA	BAL	NA	NA	NF	NF	NF	NA	NA	NA		

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ер	ared to OSHA, ACC, ANSI, N	IOHSC, WHMIS, GHS & EU Standards SDS Revision SDS Revisio	ion: 1.0 SDS Revision Date: 3/8/2017
		4 FIDST AID MEASURES	
	T	4. FIRST AID MEASURES	
1	First Aid:	Ingestion: If ingested, do not induce vomiting. Drink plenty of wat offer plenty of water or milk. Never give water or milk tingested, contact the nearest Poison Control Center or I the time and amount of the substance that was swallowed by the product is in the eyes, flush with copious amounts of the substance that was swallowed by the substance that	to an unconscious person. If large quantities a local emergency number. Provide an estimate ed. Get medical attention immediately.
		lenses if present and easy to do, continue flushing. irrigation. If problem persists, consult a physician.	, , ,
		Skin: If redness, dryness or other signs of irritation to the skin affected skin areas with plenty of warm water and soap. Inhalation: Give oxygen as necessary and get medical attention.	
2	Effects of Exposure:	Ingestion: May cause irritation in mouth and throat. Swallowing m	
		injury by distention of the esophagus or stomach. May ca Eyes: May cause irritation, redness, stinging and tearing. What developers, the resulting mixture may cause severe eye in Skin: May be irritating to skin, especially after prolonged contains.	hen bleach powders are mixed with peroxides irritation and possible eye injury.
		(e.g., rashes, welts, dermatitis) upon prolonged or repeat	ted exposure.
		Inhalation: Prolonged exposure may cause irritation in nose and the breathing. Excessive inhalation of dust may result in se cause asthma-like symptoms in some sensitive individual	ensitization and irritation to respiratory tract. M
3	Symptoms of Overexposure:	Symptoms of skin overexposure may include redness, itching, and in	
		may cause redness, itching and watering. The product can cause alle upon prolonged or repeated exposure.	ergic skin reactions (e.g., rashes, welts, dermatit
.4	Acute Health Effects:	Moderate irritation to skin near affected areas. This product causes se	erious eye irritation.
.5	Chronic Health Effects:	The material may accentuate any pre-existing dermatitis condition.	
.6	Target Organs:	Eyes, skin & respiratory system.	
.7	Medical Conditions	Acute health hazards may be delayed. Most common symptoms	HEALTH 1
	Aggravated by Exposure:	include irritating properties to eyes, respiratory system and skin.	FLAMMABILITY 1
		Existing dermatological conditions (such as eczema) and respiratory	PHYSICAL HAZARDS 1
		conditions (such as bronchial asthma and/or bronchitis) may be	
		aggravated.	PROTECTIVE EQUIPMENT B EYES SKIN
	•		
		5. FIREFIGHTING MEASURES	
.1	Fire & Explosion Hazards:		Tr. C. L. L.
	THE & Expedient regarder.	DANGER! MAY INTENSIFY FIRE; OXIDIZER. Upon decompositio and may thereby stimulate combustion of flammable and combustible with media appropriate for the burning material. Product contains o product on towels, sponges or mops may cause fire. Rinse towels Rinse sponges and mops thoroughly before storage. Persulfate of undergo decomposition in the presence of moisture and heat. Spr material with large quantities of water.	e materials. Extinguish fires oxidizing materials. Residual thoroughly before disposal. compounds may ignite and
.2	Extinguishing Methods:	CO ₂ , Halon (if permitted), Dry Chemical, Foam, as authorized. Wate Class A or Class B extinguisher should be sufficient for the product. extinguisher should also be appropriate to address the location of the f Flood with water and use water spray to cool fire-exposed containers a	However, selection of a fire fire and equipment involved.
5.3	Firefighting Procedures:	This product is an oxidizer and may intensify fire. As in any fire, we self-contained breathing apparatus (pressure-demand) and full protect cool until well after the fire is out. Use water spray to cool fire-expospersonnel. Prevent runoff from fire control or dilution from entering se supply, or any natural waterway. Firefighters must use full bunker gean positive pressure self-contained breathing apparatus to protect a decomposition products. HazChem Code: 2P Hazard Identification Number: 50	etive gear. Keep containers ased surfaces and to protect ewers, drains, drinking water or including NIOSH-approved
		6. ACCIDENTAL RELEASE MEASUR	
5.1	Spills:	Before cleaning any spill or leak, individuals involved in spill clear Equipment. Plastic or rubber gloves, respirator, eye protection and ap Small Spills: (e.g., □ 1.0 lbs (0.45 kg)). Wear appropriate protective eq Use a non-combustible material such as vermiculite or sand to soak u disposal. Do not use water or a material such as speedy dry□to s sparking materials (e.g., plastic brooms, shovels, dustpans) and pla	oron may be required for clean-up of large spills. quipment including gloves and protective eyewe up the product and place into a container for la soak up material. Sweep up material using no

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SDS Revision: 1.0

SDS Revision Date: 3/8/2017

		7. HANDLIN	IC 8	QTQ	DAGE	INIEOD	MATIC	N				
7.4	Mark 9 Illumina - D											
7.1	Work & Hygiene Practices:	On not eat, drink or smoke when handling this product. Wash thoroughly after handling. Avoid contact with flammable or combustible materials. Avoid contamination from any source, including metals, dust and organic materials. Keep bulk naterials covered. Use chemical goggles if eye contact is possible. Wash unintentional residues with soap and warm vater.										
7.2	Storage & Handling:	local exhaust ventilation, fans away from incompatible subs	Keep this material away from heat, sparks and open flame. Use and store in a cool, dry, well-ventilated location (e.g., ocal exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F (49 °C). Keep away from incompatible substances. Protect containers from physical damage. To avoid unintentional spraying keep cap in place when not in use. Store away from incompatible materials (see Section 10).									
7.3	Special Precautions:	to come into contact with mo	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly. Do not allow stored material to come into contact with moisture (keep lids properly affixed on product stored in plastic tubs). Do not store metal utensils inside containers of product.									
		8. EXPOSURE CO	NTRO	OLS	& PER	SONAI	L PRO	ГЕСТ	ION			
8.1	Exposure Limits:		ACC			NOHSC			OSHA		OTHER	
	ppm (mg/m ³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
		POTASSIUM PERSULFATE AMMONIUM PERSULFATE	(0.1)	NA NA	NF NF	NF NF	NF NF	NA NA	NA NA	NA NA		
8.2	Ventilation & Engineering Controls:	When working with large quar exposure below the airborne exposure to eyes.	ntities of	fproduc	t, provide	adequate	ventilation	(e.g., lo	cal exh	aust ven		
8.3	Respiratory Protection:	No special respiratory protect necessary, use only respirate §1910.134, or applicable Uprovinces, E.C. member state	ory prot S. state	tection e regula	authorized	per U.S.	OSHA's r	equirem	nent in	29 CFR		
8.4	Eye Protection:	handling this product. Alway	Avoid contact. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact enses pose a special hazard; soft lenses may absorb and concentrate irritants.									
8.5	Hand Protection:	If anticipated that prolonged latex or rubber gloves for rubber \$1910.138, the appropriate states	outine i	ndustria	al use. If	fnecessar	ry, refer to	U.S. (
8.6	Body Protection:	No special body protection is appropriate protective clothing needed. If necessary, refer to OSHA.	g to pre	event sk	in contact	, (e.g., bo	ots, lab co	at, apro	n, cove	ralls) as		
		9. PHYSICA	\	CHE	MICAL	PROF	PERTIE	9				
9.1	Appearance:	Free flowing powder	<u> </u>	OIIL	MIOAL	. 1 1001		<u> </u>				
9.2	Odor:	Bleach odor (no fragrance add	dod)									
9.3	Odor Threshold:	NA	ueu)									
9.4	pH:	9-11.5										
9.5	Melting Point/Freezing Point:	NA										
9.6	Initial Boiling Point/Boiling Range:	NA										
9.7	Flashpoint:	NA										
9.8	Upper/Lower Flammability Limits:	NA										
9.9	Vapor Pressure:	NA										
9.10	Vapor Density:	NA										
9.11	Relative Density:	< 0.5										
9.12	Solubility:	4.7 g in 100 mL water										
9.13	Partition Coefficient (log Pow):	NA										
9.14	Autoignition Temperature:	NA NA										
	•											
9.15	Decomposition Temperature:											
9.15 9.16	Decomposition Temperature: Viscosity:	NA NA										

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	L 0. 1.77	10. STABILITY & REACTIVITY							
10.1	Stability:	Unstable. Gradually decomposes losing oxygen. Decomposes more rapidly at higher temperatures. Metals other than stainless steel are apt to cause decomposition of persulfate solutions. Generates heat when mixed with acid. May react with ammonium salt solutions resulting in evolution of ammonia gas. Liberation of oxygen gas may result in dangerous pressures.							
10.2	Hazardous Decomposition Products:	If exposed to <u>extremely high temperatures</u> , products of thermal decomposition may include irritating vapors and tox gases (e.g., CO, CO ₂ , and SO ₂). Liberation of gas (e.g., oxygen) may result in dangerous pressures. Decomposed to moisture to form oxygen and ozone. Burning may produce nitrogen oxides, sulfur oxides, and sulfuric acid.							
10.3	Hazardous Polymerization:	Will not occur.							
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight. Moisture, combustible material, heat, flame, ignition sources, shoc friction, powdered metals, phosphorus, hydrides, organic matter, halogens, acids, alkalis, and incompatibles.							
10.5	Incompatible Substances:	Reducing agents, organics, some acids, flammable materials. Do not use metallic bowls or utensils when mixing the product. Avoid contamination with moisture, combustible or organic materials (e.g., sawdust, damp paper towels).							
		11. TOXICOLOGICAL INFORMATION							
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES							
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, available for some of the components of the product but is not presented in this document.							
11.3	Acute Toxicity:	Moderate irritation to skin near affected areas. This product causes serious eye irritation.							
11.4	Chronic Toxicity:	The material may aggravate any pre-existing skin condition (e.g., dermatitis). This product can cause allergic sk reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.							
11.5	Suspected Carcinogen:	No							
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.							
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.							
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.							
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.							
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.							
1.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.							
1.8	Biological Exposure Indices:	NE NE							
1.9	Physician Recommendations:	Treat symptomatically.							
		40 5001 001041 INFORMATION							
		12. ECOLOGICAL INFORMATION							
12.1	Environmental Stability:								
		environmental data available for the components of this product are available, but are not presented in this Safety Da							
12.2	Effects on Plants & Animals:	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet.							
	Effects on Plants & Animals: Effects on Aquatic Life:	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product.							
		environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the							
12.3		environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS							
12.3	Effects on Aquatic Life:	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations.							
12.3	Effects on Aquatic Life: Waste Disposal:	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS							
12.3	Effects on Aquatic Life: Waste Disposal:	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations.							
12.3 13.1 13.2	Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nur	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable)							
12.3 13.1 13.2 The	Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nur	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition							
13.1 13.2 The des	Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may b	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III							
12.3 13.1 13.2 The desi 14.1	Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may b	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or CONSUMER COMMODITY, ORM-D □ until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III							
13.1 13.2 The des 14.1 14.2	Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may b 49 CFR (GND): IATA (AIR): IMDG (OCN): TDGR (Canadian GND):	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 5.0 kg); or CONSUMER COMMODITY, ORM-D □ until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 1.0 kg) UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL □ 1.0 kg)							
13.1 13.2 The des 14.1 14.2 14.3	Effects on Aquatic Life: Waste Disposal: Special Considerations: basic description (ID Nurcriptive information may b 49 CFR (GND): IATA (AIR): IMDG (OCN): TDGR (Canadian GND):	environmental data available for the components of this product are available, but are not presented in this Safety Da Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of the product, but are not presented in this Safety Data Sheet. 13. DISPOSAL CONSIDERATIONS Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Addition e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL							
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16.3

Disclaimer:

Issued by:

Prepa	ared to OSHA, ACC, ANSI, NO	DHSC, WHMIS, GHS & EU Standards	SDS Revision: 1.0	SDS Revision Date: 3/8/2017							
		15. REGULATORY IN	FORMATION								
15.1	Requirements: This product does not contain any substances subject to 5/1/4/ This in, section of reporting requirements.										
15.2											
15.3	TSCA Inventory Status:	The components of this product are listed on the TS	CA Inventory.								
15.4	CERCLA Reportable Quantity:	NA									
15.5	Other Federal Requirements:	This material does not contain any hazardous air populutants under the CWA. None of the components									
15.6	Other Canadian Regulations:	This product has been classified according to the Sheet contains all of the information required by the on the DSL/NDSL. None of the components of this List. WHMIS C, D2B (Oxidizing Agent, Other Toxic I	CPR. The components of this per product are listed on the Prior	product are listed							
15.7	State Regulatory Information:	Potassium Persulfate is found on the following state Hazardous Substances List (MA), Minnesota Hazar Pennsylvania Right-to-Know List (PA). Ammonium Persulfate is found on the following state. No other ingredients in this product, present in a concriteria lists: California Proposition 65 (CA65). De	ate criteria lists: Florida Toxic S dous Substances List (MN), New e criteria lists: NJ and PA. ncentration of 1.0% or greater, a	v Jersey Right-to-Know List (NJ), and are listed on any of the following state							
		List (FL), Massachusetts Hazardous Substances Lis Substances List (MN), New Jersey Right-to-Know Right-to-Know List (PA), Washington Permissible Ex	st (MA), Michigan Critical Substa List (NJ), New York Hazardous xposures List (WA), Wisconsin H	nces List (MI), Minnesota Hazardous Substances List (NY), Pennsylvania lazardous Substances List (WI).							
15.8	Other Requirements:	The primary components of this product are listed in Potassium Persulfate: Oxidizer, Harmful (O, Xn). If with combustible material may cause fire. Harmful and skin. May cause sensitization by inhalation at 22-24-26-37-51 - Keep out of the reach of childrer closed. Keep away from combustible material. Do of contact with eyes, rinse immediately with plenty gloves. Use only in well-ventilated areas. Ammonium Persulfate: Oxidizer, Harmful (O, Xn). I with combustible material may cause fire. Harmful and skin. May cause sensitization by inhalation at 22-24-26-37-51 - Keep out of the reach of childrer closed. Keep away from combustible material. Do of contact with eyes, rinse immediately with plenty gloves. Use only in well-ventilated areas.	Risk Phrases (R): 8-22-36/37/38 if swallowed. Irritating to eyes, rend skin contact. Safety Phrases in Keep in a cool place. Keep not breathe dust. Avoid contact voor water and seek medical advict Risk Phrases (R): 8-22-36/37/38 if swallowed. Irritating to eyes, rend skin contact. Safety Phrases in Keep in a cool place. Keep not breathe dust. Avoid contact in	-42/43 Contact espiratory system s (S): (2)-3-7-17-container tightly with skin. In case e.e. Wear suitable -42/43 Contact espiratory system s (S): (2)-3-7-17-container tightly with skin. In case							
				_							
		16. OTHER INFOR	RMATION								
16.1	Other Information:	DANGER! MAY INTENSIFY FIRE; OXIDIZER. H	ARMFUL IF SWALLOWED.	CAUSES SKIN IRRITATION. MAY							

CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. Keep away from heat/sparks/open flames/hot surfaces No smoking. clothing/cotton/combustible materials. Avoid breathing dust/fumes. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If necessary, wear respiratory protection. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment (see section 4 of the Safety Data Sheet or the product label) Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or a rash occurs: Get medical advice/attention. If eye irritation persists get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash before reuse. In case of fire: Use CO2, Halon (if permitted), dry chemical, or foam for extinction. Store in a well ventilated place. Keep container tightly closed. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN See last page of this Safety Data Sheet. Terms & Definitions:

This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Hair Systems knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & EU Standards

SDS Revision: 1.0

SDS Revision Date: 3/8/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number					
EXPOSURE	EXPOSURE LIMITS IN AIR:					
ACGIH	American Conference on Governmental Industrial Hygienists					
С	Ceiling Limit					
ES	Exposure Standard (Australia)					
IDLH	Immediately Dangerous to Life and Health					
OSHA	U.S. Occupational Safety and Health Administration					
PEL	Permissible Exposure Limit					
STEL	Short-Term Exposure Limit					
TLV	Threshold Limit Value					
TWA	Time Weighted Average					

FIRST AID MEASURES:

CPR Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH FLAMMABILITY PHYSICAL HAZARDS PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE N	
D		TANK THE PARTY OF	
E			
F		H,	





Glasses Splash Gog















Full Face Respirator

Dust & Vapor Half-Mask Respirator

Full Face Respirator

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:						
Autoignition Temperature						
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					

UEL Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard			
1	Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			
ACD	Acidic			
ALK	Alkaline			
COR	Corrosive			
₩	Use No Water			
ОХ	Oxidizer			
TREFOIL	Radioactive			

TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
•	s
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{Io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{lo} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	(4)	(A)	@	\odot	®		(R)
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

			*			X	X
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\cdot		\(\frac{\psi}{2}\)
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

BARCELONA PURPLE SHAMPOO

Revision: Original 7/21/2017 **Revision Date:**

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Barcelona Purple Shampoo Rinse off Shampoo for hair Description:

Use: Apply to wet hair. Lather and rinse.

Manufacturer:

Telephone

Fax

Section 2. HAZARDS IDENTIFICATION

Main Hazards No significant hazards

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

·	Conc.	CAS	EINECS	Symbols/Risk Phases
Water/Aqua/Eau	50-80%	7732-18-5	231-791-2	
Sodium C14-16 Olefin Sulfonate	10-15%	68439-57-6	270-407-8	
Cocamidopropyl Betaine	1-5%	61789-40-0	263-058-8	
Glycerin	1-5%	56-81-5	200-289-5	
Cocamidopropylamine Oxide	1-5%	68155-09-9	268-938-5	
Acrylates Copolymer	1-5%	159666-35-0	n/a	
Fragrance/Parfum	0.5-1.0%	n/a	n/a	
Chenopodium Quinoa Extract	<0.1%	n/a	n/a	
Carthamus Tinctorius (Safflower) Seed Oil	<0.1%	8001-23-8	232-276-5	
Hydrolyzed Rice Protein	<0.1%	1567-15-40-1	n/a	
Glycol Stearate	0.5-1.0%	111-60-4	203-886-9	
PEG-150 Distearate	0.1-0.5%	9005-08-7	n/a	
Glycereth-26	0.1-0.5%	31694-55-0	n/a	
Guar Hydroxypropyltrimonium Chloride	0.1-0.5%	65497-29-2	n/a	
Trimethylsiloxyamodimethicone	0.1-0.5%	n/a	n/a	
C11-15 Pareth-7	<0.1%	n/a	n/a	
C12-16 Pareth-9	<0.1%	68551-12-2	n/a	
Trideceth-12	<0.1%	24938-91-8	n/a	
Silicone Quaternium-16	<0.1%	n/a	n/a	
Undeceth-11	<0.1%	34398-01-1	n/a	
Butyloctanol	<0.1%	3913-02-8	223-470-0	
Undeceth-5	<0.1%	34398-01-1	n/a	
Polyquaternium-59	<0.1%	397297-15-3	n/a	
Butylene Glycol	<0.1%	107-88-0	203-259-7	
Panthenol	<0.1%	16485-10-2	240-540-6	
Cetrimonium Chloride	<0.1%	112-02-7	203-928-6	
Linoleamidopropyl PG-Dimonium Chloride Phosphate				
Dimethicone	0.1-0.5%	179005-04-0	n/a	
Methylisothiazolinone	0.0097%	2682-20-4	220-239-6	Xi, R43, S2
Citric Acid	<0.1%	77-92-9	201 069 1	
Ext. Violet 2/CI 60730	0.1-0.5%	4430-18-6	n/a	

Section 4. FIRST AID MEASURES

Skin Contact: Flush with copious amounts of water. If irritation persists seek medical

attention.

Eye Contact: Flush with copious amounts of water. If irritation persists seek medical

attention.

Ingestion: Do not ingest. Seek Medical attention.

Inhalation: If vapors or fumes cause irritation, remove exposed person to fresh air. If

irritation persists seek medical attention

Section 5. FIRE FIGHTING MEASURES

Flammability Classification: This product is not flammable

Extinguishing Media: Use extinguishing media appropriate to surrounding fire conditions

Protective equipment: Use self contained breathing apparatus and protective clothing

Unusual Fire and Explosion hazards: None known

Section 6. ACCIDENTAL RELEASE MEASURES

Clean up method: Absorb/recover material. Place in waste container. Clean spillage area thoroughly

contaminated surfaces will become slippery

Disposal method: Dispose of according to local, state/federal regulations. US disposal must be carried

out under EPA, State and Federal laws.

Section 7. HANDLING and STORAGE

Storage: Keep in a cool, dry well ventilated place. Protect containers from extreme

temperatures and damage. Store in correctly labeled containers in a hygienic

environment.

Section 8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Engineering Control: Ventilation-local exhaust

Respiration Control: Not required under normal use conditions

Occupation exposure Keep away from food, drink and animal feeding stuffs

controls:

Protective Gloves: Optional

Eye & Face Protection: Avoid contact with eyes - goggles optional

Section 9: PHYSICAL and CHEMICAL PROPERTIES

pH: 6.0-7.0

Appearance: Dark purple, opaque, semi-viscous liquid

% Volatile/ Volume: 0.00% Water Solubility soluble

Section 10. STABILITY and REACTIVITY

Stability Stable under normal conditions

Hazardous Polymerization: X Will not occur _____May occur Incompatibility(materials to avoid) Strong Oxidizers and reducing agents

Conditions to avoid: Extreme Heat or freezing temperatures

Section 11. TOXICOLOGICAL INFORMATION

Acute Toxicity No specific toxicological testing has been carried out on this product. All ingredients

have been incorporated under the controls of current legislation

Corrosivity May cause irritation to eyes **Repeated or** May cause irritation to skin

Prolonged Exposure

Section 12. ECOLOGICAL INFORMATION

Mobility Soluble in water

Degradability Avoid uncontrolled release of this material in the environment. Not readily

biodegradable.

Section 13. DISPOSAL CONSIDERATIONS

General Information Dispose of in accordance with all local and national regulations

Packaging Disposal Containers can be recycled in compliance with all local and national regulations

Section 14. TRANSPORT INFORMATION

Further Information This product is not classified as a dangerous for carriage

Not regulated by Department of Transportation (DOT)

Section 15. REGULATORY INFORMATION

Risk Phrases NSH - No Significant Hazard

Safety Phrases S2 - Keep Out of Reach of children

S25 - Avoid Contact with Eyes

Further Information Seek medical attention if irritation or symptoms persist

Store in a cool dry area

TSCA N/A SARA Title III, N/A

Section 313(40CFR372)

California VOC This formula contains 0% Volatile Organic Compounds

Guidance Notes California Proposition 65- To the best of our knowledge, this products does not

contain any ingredients that the State of California has found to cause cancer,

birth defects or other reproductive abnormalities.

Section 16. OTHER INFORMATION

Text of Risk Phrases Xi - Irritant

in Section 3 R43 - May cause sensitization by skin contact

Further Information The information supplied in the Safety Data Sheet is designed only as guidance for

the safe use and handling of the product. The information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is

made to its accuracy.

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 7/3/2017

Chemical Name: Dye Solution Permanent Hair Colors	Prepa	ired to OSHA, ACC, ANSI, NC	DHSC, WHMIS, 20	001/58 & 1272/20	08/EC Standard	S		SDS	Revisio	n: 1.0		SDS	Revisio	n Date	: 7/3/2017
Dye Solution Dye			1. 1	PRODUCT	F & COME	PANY	IDE	NTIF	ICA	TIO	N				
12 Development Developme	1.1														
Permanent Hair Colors	1.2	Chemical Name:		<u> </u>		,									
Permanent Hair Colors Professional Cosmetic Use Only	1.3	Synonyms:		ir Colors											
15 Professional Cosmetic Use Only	1.4														
In Distribution Name In Distribution Dist	1.5	Product Uses & Restrictions:			nlv										
	1.6	Distributoris Name:			,										
Publication Policy Polic	1.7	Distributor Address:													
Publication Policy Polic	1.8	Emergency Phone:	CHEMTRE	C: +1 (703)	527-3887 /	+1 (800)) 424	-930	0 (CC	N 10	069)				
This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the classification criterio of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! CAUSES MILD SKIN IRRITATION. CAUSES EYE IRRITATION. HARMFUL IF SWALLOWED. Classification: Skin Irrit 3; Eye Irrit. 28; Acute Tox. Oral 4 Hazard Statements (H): H316 — Causes mild skin irritation. H320 — Causes eye irritation. H302 — Harmful if swallowed. Harmful if swallowed. Procaulionary Statements (P): P264 — Wash hands and exposed skin areas with soap and warm water thoroughly after handling. P270 — Do not eat, drink or smoke while using this product. P280 — Weer protective gloves and eye/dace protection. P304-P312 — If SWALLOWED: Cat a POISON CENTER or doctorphysican if you feel unwell. P305-P31-P338 — If I'l NE YES. P205-P31-P338 — If I'l NE YES. P305-P31-P338 — I'l P305-P31-P338 — I'l P305-P31-P31-P31-P31-P31-P31-P31-P31-P31-P31	1.9	Business Phone / Fax:				. (55)	·, · <u>-</u> ·		• (
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water thoroughly after handling. P270 Do not eat, drink or smoke while using this product. P280 Per Wear protective gloves and eye/face protection. P301+P312 FIN EYES: Remove contact lenses, if protection per sists: Get medical advice/attention. P332-P313 If skin irritation occurs: get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF). 3. COMPOSITION & INGREDIENT INFORMATION 3. COMPOSITION & INGREDIENT INFORMATION 3. COMPOSITION & INGREDIENT INFORMATION BEROSURE LIMITS IN AIR (mg/m²) ACGIH NONSC OSHA ppm). D264 □\Mac	h hande	and o	vnocod	d ckin	aroac	with c	oan ar	nd war	m	
Wear protective gloves and eye/face protection. P301+P312 □ F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P305+P313 □ F IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 □ r in eye irritation persists: Ger medical advice/attention. P405 □ Store locked up. P501 □ Dispose of contents/container to a licensed streatment, storage or disposal facility (TSDF). State															
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Dersists: Get medical advice/attention. P3032-P313															•
Advice/attention															
Stanton Stan															
ACIGNA NONE STECS No.							□ Dispo	ose of	conte	nts/cor	ntainer	to a	license	ed	
HEMICAL NAME(S)			treatment, stor	age or disposa	racility (15DF).									_
HEMICAL NAME(S)			3 CO	MDOSITI		DENI	ENIT	INIE		ллт	ION				
HEMICAL NAME(S)			<u> 3. CO</u>	VIVIPUSITI	ON & ING	IKEDI		IINF	UKI			INDITO II	LAID (/3\	
HEMICAL NAME(S)							AC	GIH	I			IIVIIISII		ig/m [*])	1
Name												ppm		†	
AMINOPHENOL 108-63 VG9625000 210-155-8 12 NA NA NF NF NF NA NA NA															1
MMONIUM HYDROXIDE	CHEMI	CAL NAME(S)													OTHER
Skin Corr. 1B; Aquatic Acute 1; H314, H400 PHENYLENEDIAMINE 106-50-3 NA 203-404-7 2 0.1 NA NF NF NF NF (0.1) NA	AQUA	(WATER/EAU)	7732-10-3	200110000	201-191-2	25-00	INA	INA	INI	INI	INI	INA	INA	INA	
Skin Court 18; Aquatic Acute 1; H314, H400	AMMC	NIUM HYDROXIDE				□ 10.0	25	35	25	50	NF	25	NA	NA	25 NIOSH
Acute Tox. 3 *, Eye Irrit. 2; Skin Sens. 1; H331, H311, H301, H319, H317	7					Ia	(0.4)		I			(0.4)	1	1	
Spi-27-5 NA 209-711-2 2 NA NA NF NF NA NA NA NA	P-PHE	NYLENEDIAMINE								NF	NF	(0.1)	NA	NA	
H-MINOPHENOL 155601-30-2 NA 209-711-2 12 NA NA NF NF NA NA NA NA										NF	NF	NA	l NA	NA	T
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Acute Tox 3; Skin Sens. 1; Eye Irrit. 2; H301, H317, H319 -METHYLRESORCINOL -METHYLRESORCINOL -METHYLRESORCINOL -METHYLRESORCINOL -METHYLRESORCINOL -METHYLRESORCINOL -MESORCINOL -MESORCINOL -MINOPHENOL -AMINOPHENOL -AMINOPHENOL -MINOPHENOL		- /-	155601-30-2	INA	209-711-2	□2	NA	NA	NF	NF	NF	NA	NA	NA	
Solution			54381-16-7	NA	259-134-5	□2	NA	NA	NF	NF	NF	NA	NA	NA	
Acute Tox. 3; Skin Sens. 1; Eye Dam. 1; Aquatic Acute 1; H301, H317, H318, H400 IOS-46-3 VG9625000 203-585-2 □ 2 NA NA NF NF NF NA NA NA	PHEN'	YLENEDIAMINE SULFATE													
Acute Tox. 3; Skin Sens. 1; Eye Dam. 1; Aquatic Acute 1; H301, H317, H318, H400 188-46-3	2-MET	THYLRESORCINOL									NF	NA	NA	NA	
AMINOPHENOL Separation: Separ											- NE	1	T	1	
ROPRIETARY INGREDIENTS A. FIRST AID MEASURES Ingestion: Ingesti	RESO	RCINOL	108-46-3	VG9625000	203-585-2	□2	NA	NA	NF	NF	NF	NA	NA	NA	
## A. FIRST AID MEASURES ## Ingestion: ## Ingesti	P-AMI	NOPHENOL	591-27-5	NA	209-711-2	□2	NA	NA	NF	NF	NF	NA	NA	NA	
4. FIRST AID MEASURES Ingestion: If ingested, DO NOT induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Eyes: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician. If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.	PR∩P	RIFTARY INGREDIENTS	NA	NA	NA	BAL	NA	NA	NF	NF	NF	NA	NA	NA	
Ingestion: If ingested, DO NOT induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Eyes: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician. Skin: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.								.							
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washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.												warm	water.	follow	ed by a thorough
				washing of the	affected area										
Inhalation: Remove victim to fresh air at once.															
			Inhalation:	Remove victim	to fresh air at o	once.									

SDS Revision Date: 7/3/2017

SAFETY DATA SHEET

SDS Revision: 1.0

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

4. FIRST AID MEASURES - cont'd 42 Effects of Exposure: If product is swallowed, may cause nausea, vomiting and/or diarrhea. Ingestion: Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and Eyes: Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Inhalation: None expected. 4.3 Symptoms of Overexposure Overexposure in eyes may cause redness, itching and watering. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. 4.4 Acute Health Effects: Moderate irritation to eyes. Symptoms of overexposure may include redness, itching, stinging, irritation and watering. Moderate irritation to skin near affected areas. 4.5 Chronic Health Effects: No harmful or chronic health effects are expected to occur from a single accidental ingestion. 4.6 Target Organs: 47 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH 1 Aggravated by Exposure: target organs (eyes and skin). **FLAMMABILITY** 0 **PHYSICAL HAZARDS** 1 PROTECTIVE EQUIPMENT В EYES SKIN 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This product is not flammable. 52 Extinguishing Methods: CO₂, Halon (if permitted), Dry Chemical, Foam, as authorized. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-5.3 Firefighting Procedures: demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). Keep incompatible materials (e.g., organics such as oil) away from spill. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For <u>large spills</u> (e.g., □ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION Do not eat, drink, or smoke while handling this product. Wash thoroughly after handling. Avoid contact with flammable or 7.1 Work & Hygiene Practices: combustible materials. Avoid contamination from any source, including metals, dust and organic materials. Keep bulk covered. Wash unintentional residues with soap and warm water. Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive 7.2 Storage & Handling: heat and open flames. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage. Special Precautions: Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 7/3/2017

		8. EXPOSURE CO	NTR	OLS	& PER	<u>SO</u> NA	L PRO	<u> </u>	ION			
3.1	Exposure Limits:		AC	GIH		NOHSC	1		OSHA	1	OTHER	
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
		P-PHENYLENEDIAMINE	NA	NA	NF 25	0.1	NF	NA	NA	25	OF NICOLI	
2	Ventilation & Engineering	AMMONIUM HYDROXIDE	25	35	25	50	NF	25	NA NA	NA al oxba	25 NIOSH	fanc
-	Controls:		When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
3	Respiratory Protection:	Protection: No special respiratory protection is required under typical circumstances of use or handling. If										
		necessary, use only respirat										
			1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its									
.4	Eye Protection:		ovinces, E.C. member states, or Australia. ear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this									
			roduct. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a									
		special hazard; soft lenses ma								<u> </u>		
3.5	Hand Protection:	If anticipated that prolonged										
		latex or rubber gloves for r							OSHA	29 CFR		
.6	Body Protection:	§1910.138, the appropriate st										
.0	Body Flotection.	However, no special body pro If necessary, refer to appropri										
		I frecessary, refer to appropri	ale Stai	iluai us t	Ji Cariaua	tile L.C.	IIICIIIDEI SIC	ates, or	0.3.00	or iA.		
		9. PHYSICA	<u> </u>	CHE	МІСАІ	PROI	PERTIE	S				
1	Appearance:	Colored Cream	<u> </u>	OIIL								
.2	Odor:	Perfumed, mild floral odor										
.3	Odor Threshold:	NA										
4	pH:	9.5-11.0										
5	Melting Point/Freezing Point:	NA										
6	Initial Boiling Point/Boiling	NA										
7	Range: Flashpoint:	NA										
.8	Upper/Lower Flammability											
	Limits:	NA										
9	Vapor Pressure:	NA										
.10	Vapor Density: Relative Density:	NA										
.11	Solubility:	0.97-1.02 g/mL Soluble										
.12	Partition Coefficient (log P _{ow}):	NA										
.14	Autoignition Temperature:	NA										
.15	Decomposition Temperature:	NA										
.16	Viscosity:	NA										
.17	Other Information:	NA										
		1 2 2 2										
		10. S	TAB	ILITY	& RE	ACTIVI	ITY					
0.1	Stability:	This product is stable.										
0.2	Hazardous Decomposition	Oxides of carbon (CO, CO ₂) a	and sulf	fur (SO ₂).							
0.3	Products: Hazardous Polymerization:	Will not occur.		(2	.,,-							
0.4	Conditions to Avoid:	Open flames, sparks and high	n heat.	direct su	unliaht.							
0.5	Incompatible Substances:	Store away from flammable				ids, aeros	sols and o	ther in	compati	ble mat	erials (e.g., r	educing
		materials, combustible mater										
		any tint, lightener lotion or b								containe	r may rupture	. Neve
		return unused material to orig	inai coi	ntainer.	Avoid extr	eme neat	and ignition	1 Source	es.			
		11. TOXI	\overline{COI}	OGIC	· ΛΙ ΙΑΙ		ΛΤΙΩΝ					
1.1	Routes of Entry:	Inhalation: YES	COL	OGIC			YES			Ingesti	on: YES	
1.1	Toxicity Data:	1.20	etad on	animal				here e	ra tovico			nonont
	,	This product has not been tended of this product, which are found										POHEN
1.3	Acute Toxicity:	See section 4.4	(11	2 0010111	o intortata	. 5, 5at ar			Jaioty D	<u> </u>		
1.4	Chronic Toxicity:	See section 4.5										
1.5	Suspected Carcinogen:	This product contains p-Phe										sted a
	1	Group 3 carcinogens by IARO										

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 7/3/2017 11. TOXICOLOGICAL INFORMATION - cont'd 11.6 Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans. Mutagenicity: This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 11.7 Irritancy of Product: See Section 4.3. 11.8 Biological Exposure Indices: NF Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: There is no specific data available for this product. 12.2 Effects on Plants & Animals There is no specific data available for this product. 12.3 Effects on Aquatic Life There is no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Waste Disposal: Dispose of in accordance with federal, state and local regulations. 13.1 13.2 Special Considerations: 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR 49 CFR (GND): 14.1 **NOT REGULATED** 14.2 IATA (AIR): NOT REGULATED IMDG (OCN): 14.3 **NOT REGULATED** 14.4 TDGR (Canadian GND): NOT REGULATED 14.5 ADR/RID (EU): **NOT REGULATED** 14.6 SCT (MEXICO): **NOT REGULATED** 14.7 ADGR (AUS): **NOT REGULATED** 15. REGULATORY INFORMATION SARA Reporting This product contains Isopropanol and p-Phenylenediamine substances subject to SARA Title III, section 313 reporting 15.1 Requirements requirements. 15.2 SARA Threshold Planning There are no specific Threshold Planning Quantities for the components of this product. Quantity: 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory CERCLA Reportable Quantity 15.4 P-Phenylenediamine: 2,270 kg (5,000 lbs). (RQ): 15.5 Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects) State Regulatory Information: 15.7 Resorcinol is listed on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA). p-Phenylenediamine is found on the following state criteria list: FL, MA, MN, NJ, PA and WA. p-Phenylenediamine is found on the following state criteria list: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), and Washington Permissible Exposures List (WA). Ammonium Hydroxide (as ammonia) can be found on the following state criteria list: IL, MA, NJ, PA and RI. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). California Proposition 65: WARNING! This product may contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Page 5 of 6

SAFETY DATA SHEET

Prepared to OSHA ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/FC Standards SDS Revision: 1.0 SDS Revision Date: 7/3/2017

Prepa	Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 7/3/2017										
	15. REGULATORY INFORMATION – cont'd										
15.8	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: Ammonium Hydroxide: Irritant (Xi). Risk Phrases (R): 22-36/37/38 Harmful if swallowed. Irritating to eyes, respiratory system and skin. Safety Phrases (S): 1/2-26-36/37/39-45-61 Keep locked up and out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eyelface protection. If case of accident or if you feel unwell seek medical advice immediately (show the label where possible). Avoid release to the environment. Refer to special instructions/safety data sheet. p-Phenylenediamine: Harmful (Xn). Risk Phrases (R): 43 May cause sensitization by skin contact. Safety Phrases (S):1/2-28-36/37 Keep locked up and out of reach of children. After contact with skin, was immediately with plenty of water. Wear suitable protective clothing and gloves.										
		16. OTHER INFOR	RMATION								
16.1	Other Information:	WARNING! CAUSES MILD SKIN IRRITATION. CAUSES EYE IRRITATION. HARMFUL IF SWALLOWED. For external use only. Use only as directed. Discontinue use immediately if irritation develops. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do not eat, drink or smoke while using this product. Wear protective gloves and eye/face protection. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation occurs: get medical advice/attention. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.									
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.									
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSH government regulations must be reviewed for applic information contained herein is reliable and accurate not guaranteed and no warranties of any type, eith herein relates only to the specific product(s). If this must be considered. Data may be changed from time	ability to this product. To the e as of this date; however, ac ner expressed or implied, are product(s) is combined with ot	e best of Hair Systems knowledge, the curacy, suitability or completeness are provided. The information contained ther materials, all component properties							
16.4	Issued by:										

Page 6 of 6

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision Date: 7/3/2017

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	S No. Chemical Abstract Service Number						
EXPOSURE	EXPOSURE LIMITS IN AIR:						
ACGIH	American Conference on Governmental Industrial Hygienists						
С	C Ceiling Limit						
ES	Exposure Standard (Australia)						
IDLH	Immediately Dangerous to Life and Health						
OSHA	U.S. Occupational Safety and Health Administration						
PEL	Permissible Exposure Limit						
STEL	Short-Term Exposure Limit						
TLV	Threshold Limit Value						
TWA	Time Weighted Average						

FIRST AID MEASURES:

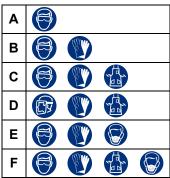
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard				
1	Slight Hazard				
2	Moderate Hazard				
3	Severe Hazard				
4	Extreme Hazard				



PERSONAL PROTECTION RATINGS:















Protective Clothing & Full Suit

Dust Respirator







Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

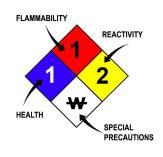
ML	Maximum Limit		
mg/m3	milligrams per cubic meter		
NA Not Available			
ND Not Determined			
NE Not Established			
NF Not Found			
NR	No Results		
ppm parts per million			
SCBA	Self-Contained Breathing Apparatus		

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILIT	FLAMMABILITY LIMITS IN AIR:						
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition						
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source						
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source						

HAZARD RATINGS:

0	Minimal Hazard					
1	Slight Hazard					
2	Moderate Hazard					
3	Severe Hazard					
4	Extreme Hazard					
ACD	Acidic					
ALK	Alkaline					
COR	Corrosive					
W	Use No Water					
ОХ	Oxidizer					
TREFOIL	Radioactive					



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{io}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
$TD_lo,LD_lo,\&LD_oor$ $TC,TC_o,LC_lo,\&LC_o$	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

WORKE EASE TIALARDOGO MATERIALO IDENTIFICATION (WITIMIO) OTOTEM.										
0	(4)	(2)		(T)	®		R			
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F			
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive			

EC (67/548/EEC) INFORMATION:

			*			×	×
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

		(10)	\Diamond	N N N N N N N N N N N N N N N N N N N				*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

******SAFETY DATA SHEET*****

		`	AILII DAI	, , 0 , , <u>1</u>				
CHEMICAL IDENTITY CAS #			EINECS#	% (In Total Formula)	FLASHPOINT	OTHER		
	Isobutane	75-28-5	200-857-2	38 - 46	- 132.23°F	1,3-butadiene < 1ppm		
Alcohol Denat. 64-17-5			200-578-6	3 - 15	55°F	Denatured		
Propane 74-98-6			200-827-9	35 - 50	- 156°F	1,3-butadiene < 1ppm		
3.1	Impurities and stabiliz substance.	ing additives v	which are themselve	es classified and v	which contribute to	the classification of the		
	None present							
3.2	hazardous within	the meaning of the me		present above the cy and category 1	eir cut-off levels. L mutagenicity is ³ (0.1%		
	None present							
			4. FIRST AID N	MEASURES				
4.2	INGESTION: Drink enough water to dilute. Consult physician immediately Flush eyes with plenty of water to ensure complete flushing. e.g., Eye wash station for 15 EYES: minutes. If irritation persists, seek medical attention SKIN: Wash thoroughly with mild soap and water. If irritation persists, seek medical attention INHALATION: Remove victim to fresh air at once. If breathing is difficult, seek medical attention Medical Conditions Aggravated by Exposure: Pre-existing respiratory and skin disorder.							
			5. FIREFIGHTING	G MEASURES				
5.1	Extinguishing Meth (suitable and unsui		CO ₂ , Foam, Dry C		ter Spray			
5.2	Specific hazards ari the chemical (e.g., any hazardous com products).	nature of	Closed containers exposed to excessive heat may rupture. Do not crush or puncture containers.					
5.3	Special protective e and precautions for firefighters.		Fire should be fought from a safe distance. Firefighters should wear full face, self-contained breathing apparatus, and full protective clothing.					
			ACCIDENTAL REL	EASE MEASURE	S			
6.1	Personal precaution protective equipme emergency procedu Ventilation	nt and	Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Do not eat, drink, or smoke while cleaning up. Use with adequate ventilation					
6.3 Respiratory					equate ventilation			
6.4	Environmental Pred	None required, when used with adequate ventilation Do not dispose of product into storm drains or waterways.						
6.5	Methods and mater							
	containment and cl	Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures in section 7 and 8. Product is packed in aerosol containers. Dispose of any leaking aerosols per site instructions after placing in safe fireproof containers with leaking material absorbed by earth or other non-flammable absorbent.						



	******SAFETY DATA SHEET*****									
	7. HANDLING & STORAGE INFORMATION									
7.1										
	Wash hands thoroughly after using this product and before eating, drinking, or smoking									
7.2										
	Keep away from excessive heat, open flames, sparks, and other possible source of ignition. Do not store in									
	damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to									
	avoid damage or rupture from material handling equipment. With use, spray aerosol carefully and cap after each									
	use.									
0.1	8. EXPOSURE CONTROLS / PERSONAL PROTECTION 8.1 Control parameters, e.g., occupational exposure limit values or biological limit values.									
8.1 8.2				imit values or i	biological limit va	nues.				
8.3	Appropriate engine			or normal condition	ons of use When h	andling large quantities				
0.3	(e.g., ≥ 1 gallon), we									
					IMITS IN AIR					
CHE	MICAL IDENTITY	CAS #	EINECS#	TLV ppm	PEL ppm	OTHER				
	Isobutane	75-28-5	203-448-7	800	800	Unknown				
	Alcohol Denat.	64-17-5	201-142-8	1000	1000	Unknown				
	Propane	74-98-6	200-827-9	1000	1000	Unknown				
		9. PHYSIC	AL & CHEMICAL PR	ROPERTIES - TE	NTATIVE					
		ND =	= NO DATA / N/A =	NOT APPLICA						
			CONCENTRATE:		AEROSOLIZE	D PRODUCT:				
9.1a	Appearance:		Opaque liquid which		Strong Spray					
			standing to a clear li	•						
0.41	0-1		powder layer at bott	om.	OK White					
9.1b 9.1c	Color:		Off-White		Off-White	N/A				
9.1d	Specific Gravity: Viscosity:		Approx. 1.0 N/A		N/A					
9.10	Odor		TO MATCH STANDA	PD.	TO MATCH STA	MUVDU				
9.3	Odor Threshold		TO MATCH STANDA			TO MATCH STANDARD				
9.4	pH:		N/A		+	N/A				
9.5	Melting point/freez	ing point	ND			N/A				
9.6	Initial Boiling Point		ND			N/A				
	Boiling Range:				,					
9.7	Flashpoint:		ND		N/A					
9.8	Evaporation Rate		ND		N/A					
9.9	Flammability: solid		ND		N/A					
9.10	Upper/lower flamm	nability or	ND		N/A	N/A				
9.11	explosive limits Vapor pressure		ND		NI/A	NI/A				
9.11	Vapor pressure Vapor density		ND		N/A N/A					
9.12 Vapor density 9.13 Relative density			See Specific Gravity		N/A					
9.14 Solubility(ies)			ND		N/A					
9.15 Partition coefficient: n-			ND ND		N/A					
	octanol/water									
9.16 Autoignition temperature			ND		N/A					
9.17	Decomposition tem	perature	ND		N/A					
9.18 Volatile Organic Compounds			ND		VOC = >75.0%	VOC = >75.0%				
	(VOC) %									
			10. STABILITY &							
10.1	10.1 Chemical Stability: Stable under normal conditions of use									

******SAFFTY DATA SHFFT*****

	******SAFETY DATA SHEET*****											
10.2	Possibility of hazardous reactions:			Hazardous polymerization will not occur.								
10.3	Conditions to Avoid:			Use or storage near open flames, sparks, high heat (>100°F) or other heat								
10.5	Incompatible Substances:			sources Strong oxidizing agents								
10.5	Hazardous Deco				ors and toxic g	ases whe	n involved in f	fire				
10.2	Products:	, in position	111160	icing vap	ors and toxic go	JOCS WITE	ii iiivoivea iii i					
			11. TO	XICOLO	GICAL INFOR	MATIO	N					
11.1	TYPES OF EXPO	SURE:						_				
	EXPOSURE:	ROUTES OF Skin X Inha					Eyes	X	Ingestion	Х		
	HEALTH EFFECTS OF EXPOSURE:							CHRON	NIC			
	INGESTION: May cause gas			estinal irr	itation	Seek	k medical atter	ntion if	symptoms pers	sist.		
		Liquid and v	apor may		mild to severe							
	EYES:	eye irritation			ivuitation and	Seek	c medical atter	ntion if s	symptoms pers	sist.		
	SKIN:			irritation and	+							
		drying of the skin. Contact with propellar may cause freeze burns.					c medical atter	ntion if	symptoms pers	sist.		
	INHALATION:	Vapor may cause irritation to the upper							_			
		respiratory t		COL OC	TOAL THEODM		c medical attei	ntion if s	symptoms pers	ist.		
12.1	There is no date of	n the product		COLOG	ICAL INFORM	ATION						
	There is no date of			ro availa	hle) Percistens	o and do	aradahility Ri	0-3CCII	nulative notent	ial		
12.2			tic and terrestrial, where available). Persistence and degradability. Bio-accumulative potential. her adverse effects: There is no data available on the product itself.									
12.3		nould not be allowed to enter drains or water courses or be deposited where it can affect ground or							nd or			
	13. DISPOSAL CONSIDERATIONS											
13.1	Dispose of in accordance with federal, state or local regulations.											
					TATION INFO							
14.1	SHIPPING NAME			ID) CONSU	MER COMMODITY,	ORM-D (≤	1.0L)					
	or Regulated 49 CFR (GND) UN1950, AEROSOLS, FLAMMABLE, 2.1, "LTD. QTY."											
			or 49 CFR (GN	ND) UN195	0, AEROSOLS, FLA	MMABLE, 2	.1					
		Regulated	or IATA (AIR)	ID 8000,	CONSUMER COMM	ODITY, 9						
			or IATA (AIR)	UN 1950,	AEROSOLS, FLAMN	1ABLE, 2.1,	"LTD. QTY."					
		or Regulated IATA (AIR) UN 1950, AEROSOLS, FLAMMABLE, 2.1										
	or Regulated IMDG (OCN) UN1950, AEROSOLS, FLAMMABLE, 2.1, "LTD. QTY."											
		Regulated	EMS # F-D, S-U ulated or IMDG (OCN) UN1950, AEROSOLS, FLAMMABLE, 2.1									
		CHOOSE FROM THE FOLLOWING SYMBOLS:										
			¢	><			ORM-D BRITTHE: 1816 2.207	2	•			



14.2	HAZCHEM Regulated Aerosol Level: (3) CODE:									
14.3										
	POLLUTANT:									
	15. REGULATORY INFORMATION									
15.1	Contents of this SDS comply with the OSHA Hazard Communication Standard CFR 1910.1200: <i>The Globally Harmonized System of Classification and Labelling of Chemicals</i> (GHS)									
15.2	EPA SARA Title III Chemical Listings									
	Section 302 Extremely Hazardous Substances: None Section 304 CERCLA Hazardous Substances	cances: None								
	Section 313 Toxic Chemicals: None present or none present in regulated quantities.									
15.3										
	UN GHS: Globally Harmonized System of Classification and Labelling of Chemicals (GHS) ("The F	Purple Book"),								
	United Nations, 2005 First Revised Edition, available online or from <u>United Nations Publications</u> . <u>Ul</u>	N GHS website								
	USA: Federal Hazardous Materials Transportation Law (49 U.S.C. 5101 et seq.).									
	USA: OSHA Hazard Communication Standard 29 CFR 1910.1200.									
	16. OTHER INFORMATION: including information on preparation and revision of the	SDS								
16.1	Version: 1 Revision: 0 Date: 2017-06-27									
	Author/Initials: Victoria C. Voss / VCV									
16.2	Disclaimer: This Safety Data Sheet is offered pursuant to Globally Harmonized System²⁽GHS) OSHA's Haza	rd Communication								
	Standard, 29 CFR § 1910.1200. Other government regulations must be reviewed for applicability the best of 2-2-0 Laboratories Inc.'s knowledge, the information contained herein is reliable and date issued; however, accuracy, suitability or completeness are not guaranteed and no warranties expressed or implied, are provided.	o this product. To accurate as of the								
16.3										
	Aerosols means any non-refillable receptacles made of metal, glass or plastics and containing a gliquefied or dissolved under pressure, with or without a liquid, paste or powder, and fitted with a result of the containing and provided in the cont									
	allowing the contents to be ejected as solid or liquid particles in suspension in a gas, as a foam, particles in a gas, as									
	in a liquid state or in a gaseous state. Aerosol includes aerosol dispensers.	aste of powder of								
	Mixture means a mixture or a solution composed of two or more substances in which they do no	t react.								
	CBI means "confidential business information".									
	Carcinogenicity : Carcinogen means a chemical substance or a mixture of chemical substances we cancer or increase its incidence. Substances and mixtures in this hazard class are assigned to one									
	cancer or increase its incidence. Substances and mixtures in this hazard class are assigned to one categories. Category 1 has two subcategories. The Carcinogenicity Guidance Section in the GHS D									
	comments about IARC.									
	AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure									
	lower than the AEL are in effect, such limits shall take precedence (DuPont™ DYMEL A propellant	 Material Safety 								
	Data Sheet Version 2.2, 11-02-2011).									