PAL	JL MITCHELL		SAF	ΈΤΥΙ	DAT	Ά	S⊦	IEE	ΞТ					Page 1 of 6 <b>PM-071</b>
Propa		NOUSC WHMIS 2	_				_				909	Povisio	n Data	-
Пере	Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.2 SDS Revision Date: 7/1/2016													
	1. PRODUCT & COMPANY IDENTIFICATION													
1.1	Product Name:	PAUL MI	TCHELL -	- THE CC	LOR I	PER	MAN	IEN1	r Cr	EA	M HA	AIR (	COL	OR: UTP
			PAUL MITCHELL – THE COLOR PERMANENT CREAM HAIR COLOR: UTP JLTRA TONER PLATINUM BLONDE											
1.2	Chemical Name:													
1.2	Synonyms:	NA	A PMS – The Color Permanent Cream Hair Color: UTP Ultra Toner Platinum Blonde											
1.3	Trade Names:		- The Color Pe								anda			
1.5	Product Uses & Restrictions:			manent Crear		01.01	POlla	Tone	Plaul	иш ы	onue			
1.6	Distributor's Name:	Professional L JPMS Manufa	1											
1.7	Distributor's Address:		od Street, Rea	ding DA 1060	11104									
1.8	Emergency Phone:					1 404	020			077)				
			C: +1 (703)		+1 (800	) 424	-930	) (CC	N 11	977)				
1.9	Business Phone / Fax:	+1 (610) 374-4	4845 / +1(610)	373-7101										
			<b>•</b> • • •											
				ZARDS I										
2.1	Hazard Identification:		s classified as ne classification									GOOD	s	
		WARNING! IRRITATION.	MAY CAUSE	S AN ALLE	RGIC SK	IN RE	ACTIO	ON.	CAUS	ES SI	ERIOU	IS EY	E	
		Classification:	Skin Sens.1; E	Eye Irrit. 2A										
		Hazard Stater	<u>nents</u> (H): H31	7 – May cause	e an allero	gic skir	n react	ion. H	319 –	Cause	es seri	ous ey	e	
			<u>Statements</u> (F ye/face protect											
1			asy to do. C											
			on. P312 – Ca											<b>\•</b> /
			rs: get medica ainer to a licens							P501	– Dis	pose (	of	$\mathbf{V}$
			product is de											
			nly, and carries											
			C REACTION. / henna, may i											
			te medical atte											
			do so may cau							.9	- ,			
		3. CC	OMPOSITI	ON & INC	GREDI	ENT	INF	ORN	<b>IAT</b>	ON				
				1							IMITS IN	AIR (m	g/m³)	
						AC	GIH		NOHSC			OSHA		
						p	om		ppm			ppm		
CHEMI	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
		NA	NA	NA	60-100	NA	NA	NF	NF	NF	NA	NA	NA	
JEWIS	PROPRIETARY BLEND													
	NIUM HYDROXIDE	1336-21-6	BQ9625000	215-647-6	< 10.0	25	35	25	50	NF	25	NA	NA	25 NIOSH
/		Skin Corr. 1B;			1									
p-PHE	NYLENEDIAMINE	106-50-3	SS8050000	203-404-7	NA	NA	NA	NF	0.1	NF	NA	NA	25	
0.4 DI			; Eye Irrit. 2; Skir NA	266-357-1	1311, H30 <sup>2</sup> NA	, H319 NA	, H317 NA	NF	NF	NF	NA	NA	NA	
2,4-DI HCI	AMINOPHENOXYETHANC	JL 00422-95-5	INA	200-357-1	INA	ΝA	INA	INF	INF	INF	NA	ΝA	ΝA	
		108-46-3	VG9625000	203-585-2	NA	NA	NA	NF	NF	NF	NA	NA	NA	
RESO														
m ^ M		591-27-5	NA	209-711-2	NA	NA	NA	NF	NF	NF	NA	NA	NA	
III-AIVI	NOPHENOL													
	S(2-HYDROXYETHYL)-p-	54381-16-7	Na	259-134-5	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
PHEN	YLENEDIAMINE SULFATE	710010 104.0,	Skin Sens. 1; Eye		1			N.=	NIT					1
TRIET	HANOLAMINE	102-71-6 Skip Irrit 2: Ex	NA /e Irrit. 2; H315, H	203-049-8	NA	(5)	NA	NF	NF	NF	NA	NA	NA	I
		JONIII IIIIL. Z, E)	- π. 2, π. 13, <b>Γ</b>	1013										

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SDS Revision: 1.2 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards 4. FIRST AID MEASURES 41 First Aid: Ingestion: DO NOT INDUCE VOMITING. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, Eyes: holding eyelid(s) open to ensure complete flushing. If the eyes or face becomes swollen during or following use, consult a physician or emergency room immediately. Skin:

Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. In cases where discomfort persists and/or medical attention is sought, do not use hair color products again until the specific nature of the skin reaction and the causative agent has been identified by a dermatologist, and appropriate medical advice provided. Do not wear contaminated clothing until after it has been properly cleaned. Inhalation: Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention. 4.2 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, stinging, Eyes: irritation and watering. May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) or Skin: sensitization in some sensitive individuals. May cause mild, transient respiratory irritation. Avoid prolonged contact with concentrated vapors or mists. Inhalation: 4.3 Symptoms of Overexposure: Nausea, intestinal discomfort, vomiting and/or diarrhea. Ingestion: Overexposure in eyes may cause redness, itching and watering. Eyes: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product Skin: can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Acute Health Effects: 4.4 Moderate irritation to eyes. Symptoms of overexposure may include redness, itching, stinging, irritation and watering. Moderate irritation to skin near affected areas. Chronic Health Effects 4.5 No chronic health effects are expected to occur from a single accidental ingestion. 46 Target Organs: Eyes, skin. Medical Conditions Aggravated by Exposure: 47 Pre-existing dermatitis, other skin conditions, and disorders of the HEALTH 1 target organs (eyes and skin). FLAMMABILITY 0 PHYSICAL HAZARDS 1 **PROTECTIVE EQUIPMENT** В EYES SKIN 5. FIREFIGHTING MEASURES Fire & Explosion Hazards: 5.1 This product is not flammable. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO<sub>2</sub>, and NOx). Extinguishing Methods: 5.2 Water, Foam, CO<sub>2</sub>, Dry Chemical 53 Firefighting Procedures: Fight fires as for surrounding materials. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen, hydrocarbons and/or derivatives. Firefighters should wear a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Fire should be fought from a safe distance. 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. 6. ACCIDENTAL RELEASE MEASURES 61 Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. 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) and secure all sources of ignition. 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 large spills (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.

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		7. HANDLIN									
7.1	Work & Hygiene Practices:	Do not eat, drink or smoke w and clothing. Do not expose unintentional residues with so	to heat	and fla	me. Use o						
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120°F. Keep away from incompatible substances. Protect containers from physical									
	0	damage. To avoid unintention							away f	rom chile	dren at all times!
7.3	Special Precautions:	Spilled material may present a	a slippir	ng hazai	rd. Clean	up all spill	s promptly.				
		8. EXPOSURE CO						TEAT			
8.1	Exposure Limits:	6. EXPOSURE CO	AC		A PER	NOHSC	LPRU		OSHA		OTHER
0.1	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	OTHER
		AMMONIUM HYDROXIDE	25	35	25	50	NF	25	NA	NA	25 NIOSH
		p-PHENYLENEDIAMINE	NA	NA	NF	(0.1)	NF	(0.1)	NA	25	
		TRIETHANOLAMINE	(5)	NA	NF	NF	NF	NA	NA	NA	
8.2	Ventilation & Engineering Controls:	General mechanical (e.g., fa exhaust ventilation to effectiv product. Ensure appropriate of	vely rer	nove a	nd preven	t buildup	of vapors	or mist	genera	ted fron	n the handling of this
8.3	Respiratory Protection:	No special respiratory protect instances where vapors or so needed, use only protection at the Canadian CAS Standard member States, or Australia.	tion is sprays uthorize	required of this ed by 29	d under ty product a 9 CFR §19	vpical circu ire genera 910.134, a	umstances ated, and r pplicable U	of use respirato .S. Stat	or hand ory prot e regula	dling. In ection is ations, o	n s r
8.4	Eye Protection:	Avoid eye contact. None requ (e.g., ≥ 1 gallon (3.8 L)) safety						nandling	large o	quantitie	s 😝
8.5	Hand Protection:	Required under normal con minimum. Use latex or PVC g rubber or impervious plastic g	gloves.	When	handling la						
8.6	Body Protection:	No apron required when handling small quantities. Lab coat or apron should be worn to protect skin and clothing. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.									
		showers should be available.	Upon	comple	tion of wo	g., ≥ 1 gall ork activitie	on), eye wa s involving	ash stat	ions an	d deluge	
		showers should be available. product, wash any exposed a	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.1	Appearance:	showers should be available.	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.1 9.2	Appearance: Odor:	showers should be available. product, wash any exposed an <b>9. PHYSICA</b>	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
		showers should be available. product, wash any exposed an <b>9. PHYSIC</b> White cream	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2	Odor:	showers should be available. product, wash any exposed an <b>9. PHYSIC</b> White cream Ammoniacal / menthol like od	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2 9.3	Odor: Odor Threshold:	showers should be available. product, wash any exposed an <b>9. PHYSIC</b> White cream Ammoniacal / menthol like od NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2 9.3 9.4	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling	showers should be available. product, wash any exposed an <b>9. PHYSIC</b> White cream Ammoniacal / menthol like od NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2 9.3 9.4 9.5	Odor: Odor Threshold: pH: Melting Point/Freezing Point:	showers should be available. product, wash any exposed an <b>9. PHYSICA</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2 9.3 9.4 9.5 9.6	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability	showers should be available. product, wash any exposed an <b>9. PHYSICA</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA NA NA O.899 g/mL	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ):	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13         9.14	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13         9.14         9.15	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA NA NA NA NA NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13         9.14         9.15         9.16	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature: Viscosity:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA NA NA NA NA NA NA NA NA NA NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13         9.14         9.15	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA NA NA NA NA NA NA NA	Upon reas the	comple	tion of wo with soar	g., ≥ 1 gall ork activitie o and wate	on), eye wa es involving er.	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13         9.14         9.15         9.16	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature: Viscosity:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA NA NA NA NA NA NA	Upon reas the AL & or	CHE	tion of wo with soar	g., ≥ 1 gall rk activitie o and wate	on), eye wa es involving er. PERTIE	ash stati I large c	ions an	d deluge	
9.2         9.3         9.4         9.5         9.6         9.7         9.8         9.9         9.10         9.11         9.12         9.13         9.14         9.15         9.16	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature: Viscosity:	showers should be available. product, wash any exposed an <b>9. PHYSIC/</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA NA NA NA NA NA NA	Upon reas the or TABI		MICAL	g., ≥ 1 gall rk activitie o and wate PROI	on), eye wa si involving r. PERTIE	ash stati I large c	ions an	d deluge	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16 9.17	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information: Stability: Hazardous Decomposition	showers should be available. product, wash any exposed an <b>9. PHYSICA</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA NA NA NA NA NA NA NA NA NA NA NA NA	Upon reas the or or TABI	CHE	MICAL	p., ≥ 1 gall rk activitie p and wate <b>PROI</b> <b>PROI</b> ACTIVI contamina	on), eye wa si involving r. PERTIE	ash stati I large c	ions an	d deluge	
9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16 9.17	Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Relative Density: Solubility: Partition Coefficient (log P <sub>ow</sub> ): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information: Stability:	showers should be available. product, wash any exposed an <b>9. PHYSICA</b> White cream Ammoniacal / menthol like od NA NA 60-65 °C (140-149 °F) NA NA NA NA NA NA NA Slightly soluble NA NA NA NA NA NA NA NA NA NA NA NA NA	Upon reas the or or TABI	CHE	MICAL	p., ≥ 1 gall rk activitie p and wate <b>PROI</b> <b>PROI</b> ACTIVI contamina	on), eye wa si involving r. PERTIE	ash stati I large c	ions an	d deluge	
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# SAFETY DATA SHEET

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

SDS Revision: 1.2

SDS Revision Date: 7/1/2016

#### **11. TOXICOLOGICAL INFORMATION** Inhalation: NO Absorption: YES 11.1 Routes of Entry: Ingestion: YES 112 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 of the product but is not presented in this document 11.3 Acute Toxicity: Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea. 11.4 Chronic Toxicity: This material may aggravate any pre-existing skin condition (e.g., dermatitis). 11.5 Suspected Carcinogen: This product contains p-Phenylenediamine and Resorcinol, which are not carcinogenic to humans, but are listed as Group 3 carcinogens by the IARC. This product contains p-Phenylenediamine listed by ACGIH in group A4. 116 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. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure. 11.7 Irritancy of Product: 11.8 Biological Exposure Indices: NE Physician Recommendations: 11.9 Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability: 12.1 There is no specific data available for this product. 12.2 Effects on Plants & Animals: There are no specific data available for this product. Effects on Aquatic Life: 12.3 There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste 13.1 Waste Disposal: according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Dispose of in accordance with federal, state and local regulations. California Waste Code: 331 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 14.1 49 CFR (GND): NOT REGULATED 14.2 IATA (AIR) NOT REGULATED IMDG (OCN): 14.3 NOT REGULATED TDGR (Canadian GND): 14.4 NOT REGULATED 14.5 ADR/RID (EU): NOT REGULATED SCT (MEXICO): 14.6 NOT REGULATED ADGR (AUS): 14.7 NOT REGULATED 15. REGULATORY INFORMATION SARA Reporting 15.1 This product contains p-Phenylenediamine and Ammonium Hydroxide (as ammonia) substances subject to SARA Title Requirements: III, section 313 reporting requirements. SARA Threshold Planning 15.2 This product is not subject to the reporting requirements of SARA Title III, Section 302. Quantity: 15.3 TSCA Inventory Status: All components of this product are listed in the TSCA Inventory or are exempt. CERCLA Reportable Quantity 15.4 Ammonium Hydroxide (Ammonia): 454 kg (1,000 lbs); 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's 21 CFR Subchapter G, (Cosmetics) 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the Controlled Products Regulations (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).

### SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.2 SDS Revision Date: 7/1/2016 15. REGULATORY INFORMATION – cont'd Ammonium Hydroxide (as ammonia) can be found on the following state criteria lists: Illinois Hazardous Substances List 15.7 State Regulatory Information: (IL); Massachusetts Hazardous Substances List (MA); New Jersey Right-to-Know List (NJ); Pennsylvania Right-to-Know List (PA); Rhode Island Hazardous Substances List (RI). p-Phenylenediamine is found on the following state criteria list: FL, MA, MN, NJ, PA and WA Triethanolamine 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 16. OTHER INFORMATION WARNING! CAUSES MILD SKIN IRRITATION. CAUSES EYE IRRITATION. For external use only. Use only as 16 1 Other Information 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 evelashes 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 & JPMS Manufacturing, LLC's 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: JPMS Manufacturing, LLC 237 Buttonwood Street Reading, PA 19601 USA Tel: +1 (610) 374-4845 Fax: +1 (610) 373-7101 16.5 Prepared by: ShipMate. Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA hidi Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 Dangerous Goods Training & Consulting http://www.shipmate.com

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SDS Revision: 1.2

SDS Revision Date: 7/1/2016

### **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				
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	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

#### PERSONAL PROTECTION RATINGS:

Α						G		F			
В						Н		E			
С						I		F			
D	B					J		F			
Е						κ	() ()	F			
F				$\bigcirc$		X			uperviso Ig directio		OPs fo
Sa	ifety Glasse	es	Splash	Goggles	P		Shield &		Gle	) oves	
	Boots		Syntheti	c Apron	P	Protect &	tive Cloth Full Suit	ning	Dust R	<b>B</b> espira	ator
			8	2						<b>U</b>	
Full F	ace Respi	rator	Dust & Va Mask Re				ull Face spirator		Airline H	lood/I SCBA	
отн	ER STAN	DARD		•	s.				0. 0	<b>-</b> A	
0.11	ML										
	mg/m3		ams per cu	hic meter							
-	NA		vailable								
	ND		etermined								
	NE		stablished								
	NF	Not F									

# NR No Results ppm parts per million SCBA Self-Contained Breathing Apparatus

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:								
Autoignition Minimum temperature required to initiate combustion in air with no other								
Temperature	source of ignition							
LEL Lower Explosive Limit - lowest percent of vapor in air, by volume, that								
	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
OX	Oxidizer
TREFOIL	Radioactive



#### 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 <sub>Io</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>	
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 <sub>ow</sub> or log K <sub>oc</sub>	Coefficient of Oil/Water Distribution

#### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
тс	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
	CE HAZADDOLIC MATERIAL & IDENTIFICATION (MUMIC) OVETEM.

#### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

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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:										

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С	E	F	Ν	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

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

5D5 Revision Date. 1/1/2010