SAFETY DATA SHEET WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.2 SDS Revision: 1.2

Page 1 of 6 **PM-080**

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		1.	PRODUC	T & COM	IPANY	IDE	NTIF		ΓΙΟΝ					
.1	Product Name:	PAUL M	ITCHELL	– THE CO							I HAII	२ С	OL	OR: 5WE
.2	Chemical Name:	NA												
.3	Synonyms:	JPMS - The	Color Permane	ent Cream Hair	Color: 5W	'B Ligh	t Warm	n Browr	1					
.4	Trade Names:	Paul Mitchell	aul Mitchell – The Color Permanent Cream Hair Color: 5WB Light Warm Brown											
.5	Product Uses & Restrictions:	Professional	rofessional Use Only											
.6	Distributor's Name:	JPMS Manuf	IPMS Manufacturing, LLC.											
.7	Distributor's Address:	237 Buttonwo	ood Street, Rea	ading, PA 1960	1 USA									
1.8	Emergency Phone:	CHEMTRE	EC: +1 (703)	527-3887	/ +1 (800) 424	-9300) (CCI	N 119	77)				
1.9	Business Phone / Fax:		-4845 / +1(610			·								
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			2. H	AZARDS	IDENT	IFIC	ΑΤΙΟ	DN						
		according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! MAY CAUSES AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. Classification: Skin Sens.1; Eye Irrit. 2A Hazard Statements (H): H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation. Precautionary Statements (P): P271 – Use only in well-ventilated area. 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. P337+P313 – If eye irritation persists: Get medical advice/attention. P312 – Call a POISON CENTER/doctor if you feel unwell. 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). NOTICE: 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, seek immediate medical attention. This product must not be used for dyeing the eyelashes or eyebrows - to do so may cause blindness.							~					
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			4. FIRST AID ME			
4.4	First Aid	Lan C			F07 0007	
4.1	First Aid:	Ingestion:	DO NOT INDUCE VOMITING. Cont Center or local emergency telephone attention. If vomiting occurs spontar aspiration.	e number for assistance ar	nd instructions. Seek in	mmediate medica
		<u>Eyes</u> :	If product gets in the eyes, flush eye holding eyelid(s) open to ensure co following use, consult a physician or e	mplete flushing. If the emergency room immediated	yes or face becomes y.	swollen during o
		<u>Skin</u> :	Remove contaminated clothing and w the skin reaction worsens, contact a medical attention is sought, do not reaction and the causative agent has provided. Do not wear contaminated	physician immediately. In use hair color products ag been identified by a derm clothing until after it has bee	cases where discomfor gain until the specific r atologist, and appropria en properly cleaned.	ort persists and/or nature of the skir ate medical advice
		Inhalation:	Remove victim to fresh air at once. U respiration. Seek immediate medical	attention.	0 1 11	artificial
4.2	Effects of Exposure:	Ingestion: Eyes:	If product is swallowed may cause nau Moderately irritating to the eyes. S irritation and watering.	-		, itching, stinging
		<u>Skin</u> :	May be irritating to skin. The product sensitization in some sensitive individu	5	actions (e.g., rashes, w	elts, dermatitis) or
		Inhalation:	May cause mild, transient respiratory i	rritation. Avoid prolonged c	contact with concentrate	d vapors or mists.
4.3	Symptoms of Overexposure:	Ingestion:	Nausea, intestinal discomfort, vomiting	<i>,</i>		
		Eyes:	Overexposure in eyes may cause red			
		<u>Skin</u> :	Symptoms of skin overexposure may can cause allergic skin reactions (e.g.			
4.4	Acute Health Effects:		ritation to eyes. Symptoms of overexpritation to skin near affected areas.	osure may include redness	, itching, stinging, irrita	tion and watering
4.5	Chronic Health Effects:	No harmful o	or chronic health effects are expected to	occur from a single accider	ntal ingestion.	
4.6	Target Organs:	Eyes.				
4.7	Medical Conditions		Pre-existing dermatitis, other skin conditions, and disorders of the		ГН	1
	Aggravated by Exposure:	target organ	s (eyes, skin, and respiratory system).	FLAM	MABILITY	0
				PHYS	CAL HAZARDS	1
				PROT	ECTIVE EQUIPMEN	г В
				EYES	SKIN	
			5. FIREFIGHTING N	IFASURES		
5.1	Fire & Explosion Hazards:		t is not flammable. However, if involved to form toxic gases (e.g., CO, CO ₂ , an	d in a fire, this product may	decompose at high	
5.2	Extinguishing Methods:		n, CO ₂ , Dry Chemical			
5.3	Firefighting Procedures:	Fight fires a Thermal de derivatives. breathing ap Keep contai and to prote	as for surrounding materials. Hazardo egradation may produce oxides of c Firefighters should wear a MSHA/N oparatus (SCBA) and protective clothing ners cool until well after the fire is out. ct personal. Fight fire upwind. Prevent ins, drinking water supply, or any natural	arbon and/or nitrogen, h IOSH approved or equiva g. Fire should be fought fr Use water spray to cool fir runoff from fire control or d	vdrocarbons and/or alent self-contained om a safe distance. e-exposed surfaces	
			6. ACCIDENTAL RELEA	SE MEASURES		
6.1	Spills:	Before clea Equipment.	ning any spill or leak, individuals inv		st wear appropriate Pe	ersonal Protective
		For <u>small s</u> Maximize vi absorbent m local, state soap. Remo For <u>large sp</u> material (e.c containers fi	<u>spills</u> (e.g., < 1 gallon (3.8 L)) wear a entilation (open doors and windows) a naterial and place into appropriate close and federal regulations. Wash all affe ove any contaminated clothing and wash <u>pills</u> (e.g., $\geq$ 1 gallon (3.8 L)), deny en g., sand or earth). Transfer liquid to cor or proper disposal. Remove contamina o spills and cleaning runoffs out of munic	and secure all sources of ed container(s) for disposal cted areas and outside of thoroughly before reuse. try to all unprotected indiv tainers for recovery or disp ated clothing promptly and	ignition. Remove sp Dispose of properly in container with plenty o iduals. Dike and cont osal and solid diking m wash affected skin are	illed material with n accordance with f warm water and ain spill with iner aterial to separate

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		7. HANDLIN	IG &	STO	RAGE	INFOF	RMATIC	DN			
7.1	Work & Hygiene Practices:	and clothing. Do not expose	Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not expose to heat and flame. Use only in ventilated areas. Keep out of the reach of children. Wash unintentional residues with soap and warm water.								
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 damage. To avoid unintentional spraying keep cap in place when not in use. Keep away from children at all times!									
7.3	Special Precautions:	Spilled material may present a	a slippii	ng haza	rd. Clean	up all spill	s promptly.	-			
		8. EXPOSURE CO	NTR	OLS	& PER	SONA	L PRO	TECI	TION		
8.1	Exposure Limits:		AC	GIH		NOHSC			OSHA		OTHER
	ppm (mg/m ³ )	CHEMICAL NAME(S) AMMONIUM HYDROXIDE	<b>TLV</b> 25	STEL 35	<b>ES-TWA</b> 25	ES-STEL 50	ES-PEAK NF	<b>PEL</b> 25	STEL NA	IDLH NA	25 NIOSH
		p-PHENYLENEDIAMINE	NA	NA	NF	0.1	NF	NA	NA	25	
8.2	Ventilation & Engineering Controls:	General mechanical (e.g., fa exhaust ventilation to effective product. Ensure appropriate of	/ely re	move a	nd preven	t buildup	of vapors	or mist	genera	ted fror	m the handling of this
8.3	Respiratory Protection:	No special respiratory protect instances where vapors or s needed, use only protection a the Canadian CAS Standard member States, or Australia.	sprays uthoriz	of this ed by 2	product a 9 CFR §19	ire genera 010.134, a	ated, and in pplicable L	respirato J.S. Stat	ory prote e regula	ection in tions, o	s r
8.4	Eye Protection:	Avoid eye contact. None req (e.g., ≥ 1 gallon (3.8 L)) safety						nandling	large q	uantitie	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., $\geq$ 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.						e Ja			
		9. PHYSIC	4L &	CHE		- PROI	PERTIE	S			
9.1	Appearance:	Opaque, yellow orange cream									
9.2	Odor:	Ammoniacal / menthol like									
9.3	Odor Threshold:	NA									
9.4	pH:	10.50-11.20									
9.5	Melting Point/Freezing Point:	60-65 °C (140-149 °F)									
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:	0.850-0.9830									
9.12	Solubility:	Slightly soluble									
9.13	Partition Coefficient (log Pow):	NA									
9.14	Autoignition Temperature:	NA									
9.15	Decomposition Temperature:	NA									
9.16	Viscosity:	11,000 – 30,000 cPs									
9.17	Other Information:	NA									
		10. S	TAB	<u>ILIT</u> Y	′ & RE/		TY				
10.1	Stability:	Stable under normal condition	s; unst	able wit	th heat or o	contaminat	tion.				
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO ₂ ),	nitroge	n (NO _x )	) and sulfu	r (SO ₂ ).					
10.3	Hazardous Polymerization:	Will not occur.									
10.4	Conditions to Avoid:	Open flames, sparks, high he	at, inco	mpatibl	e substand	es and dir	rect sunligh	nt.			
10.5	Incompatible Substances:	Avoid extreme heat and ignition	on sour	ces. Sto	ore away fi	om oxidiz	ers.				

15.8

Other Requirements

NA

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#### **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. 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: The material may accentuate any pre-existing dermatitis condition. 11.5 Suspected Carcinogen: This product contains p-Phenylenediamine, which is not carcinogenic to humans, but is 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 IATA (AIR): NOT REGULATED 14.2 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 This product contains Ammonium Hydroxide (as ammonia) and P-Phenylenediamine substances subject to SARA Title 15.1 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. 15.4 CERCLA Reportable Quantity 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. 15.7 State Regulatory Information: Ammonium Hydroxide (as ammonia) is found on the following state criteria list: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Pennsylvania Right-to-Know List (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).

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SDS Revision: 1.2 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/1/2016 **16. OTHER INFORMATION** WARNING! CAUSES MILD SKIN IRRITATION. CAUSES EYE IRRITATION. For external use only. Use only as Other Information: 16.1 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.	eyebrows; to do so may cause blindness.					
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	government regulations must be reviewed Manufacturing, LLC.'s knowledge, the inform accuracy, suitability or completeness are not provided. The information contained herein	o OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other for applicability to this product. To the best of ShipMate's & JPMS ation contained herein is reliable and accurate as of this date; however, guaranteed and no warranties of any type, either expressed or implied, are relates only to the specific product(s). If this product(s) is combined with st be considered. Data may be changed from time to time. Be sure to					
16.4	Prepared for:	JPMS Manufacturing, LLC. 237 Buttonwood Street Reading, PA. 19601 USA Tel: +1 (610) 374-4845 Fax: +1 (610) 373-7101	PAUL MITCHELL					
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					

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## **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

EXPUSURE	EXFOSURE 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:

	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				
В						Н			Ę,I	
С			T, I			I				
D	B		t, I			J			Î	
Е						κ				
F			F.I	$\bigcirc$		X			pervisor o direction	
Sa	Safety Glasses Splash Goggles			F		e Shield & tive Eyew		Glove	es	
	Boots Synthetic Apron			F	Protect &	tive Cloth	ing	Dust Res	pirator	
E	Dust & Vapor Half-					JII Face	Å	Airline Hoo		
1	Full Face Respirator Dust & vapor Hair- Full Face Altrine Hood/Mask Mask Respirator Respirator or SCBA									
	ML Maximum Limit									
	mg/m3 milligrams per cubic meter NA Not Available									
ND Not Determined										
	ND Not Determined									
NE Not Established										
	NR	No Re								
	ppm		per million							
	SCBA			Breathing A	ppar	atus				

## 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 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			
OX	Oxidizer			
TREFOIL	Radioactive			
TOXICOLOGICAL INFORMATION:				



LD 50	Lethal Dose (solids & liquids) w PRECAUTION
	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 _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 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:

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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