SAFETY DATA SHEET

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

SDS Revision: 1.3

SDS Revision Date: 7/1/2016

1. PRODUCT & COMPANY IDENTIFICATION									
1.1	PAUL MITCHELL – THE COLOR PERMANENT CREAM HAIR COLOR: 5RR RED RED; 6RR RED RED								
1.2	Chemical Name:	NA NA							
1.3	Synonyms:	JPMS – The Color Permanent Cream Hair Color: 5RR Red Red; 6RR Red Red							
1.4	Trade Names:	Paul Mitchell – The Color Permanent Cream Hair Color: 5RR Red Red; 6RR Red Red							
1.5	Product Uses & Restrictions:	Professional Use Only							
1.6	Distributor's Name:	JPMS Manufacturing, LLC							
1.7	Distributor's Address:	237 Buttonwood Street, Reading, PA 19601 USA							
.8	Emergency Phone:	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 11977)							
1.9	Business Phone / Fax:	+1 (610) 374-4845 / +1(610) 373-7101							

2. HAZARDS IDENTIFICATION

2.1 Hazard 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! MAY CAUSES AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION.

Classification: Skin Sens.1; Eye Irrit. 2A

<u>Hazard Statements</u> (H): H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation.

<u>Precautionary Statements</u> (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.



3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE L

					EXPOSURE LIMITS IN AIR (mg/m³)								
					ACGIH ppm		NOHSC ppm		:	OSHA ppm			
			EINECS No.	%									
CHEMICAL NAME(S)	CAS No.	RTECS No.			TLV	STEL	ES- TWA	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
JPMS PROPRIETARY BLEND	NA	NA	NA	60-100	NA	NA	NF	NF	NF	NA	NA	NA	
OF MOTION RICHARD BEEND													
AMMONIUM HYDROXIDE	1336-21-6	BQ9625000	215-647-6	< 10.0	25	35	25	50	NF	25	NA	NA	25 NIOSH
AMINONION HTDROXIDE	Skin Corr. 1B	H314											
p-PHENYLENEDIAMINE	106-50-3	SS8050000	203-404-7	NA	NA	NA	NF	0.1	NF	NA	NA	25	
5-PHENTLENEDIAWINE	Acute Tox. 3 *; Eye Irrit. 2; Skin Sens. 1; H331,H311, H301, H319, H317												
HC RED NO. 3	2871-01-4	NA	220-701-7	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
HC RED NO. 3													
4 AMINO O LIVERDOVIVTOI LIENE	2835-95-2	SJ6090000	220-618-6	NA	NA	NA	NF	NF	NF	NA	NA	NA	
4-AMINO-2-HYDROXYTOLUENE													
3-NITRO-P-HYDROXYETHYL	65235-31-6	NA	265-648-0	< 1.0	NA	NA	NF	NF	NF	NA	NA	NA	
AMINPHENOL													
2 AMINO 2 LIVEROVVEVEIDINE	16867-03-1	NA	240-886-8	NA	NA	NA	NF	NF	NA	NF	NF	NF	
2-AMINO-3-HYDROXYPYRIDINE	Skin Irrit. 2; E	ye Irrit. 2A; STOT	SE 3; H315, H3	19, H335									
TOLETHANIOL AMINE	102-71-6	NA	203-049-8	NA	(5)	NA	NF	NF	NF	NA	NA	NA	
TRIETHANOLAMINE	Skin Irrit, 2: E	ve Irrit. 2; H315,	H319										

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.3 SDS Revision Date: 7/1/2016 4. FIRST AID MEASURES DO NOT INDUCE VOMITING. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control 4 1 First Aid: Ingestion: 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. Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or Skin: 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. Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial Inhalation: respiration. Seek immediate medical attention. 4.2 Effects of Exposure: Ingestion: If product is swallowed may cause nausea, vomiting and/or diarrhea. Eyes: Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, stinging, irritation and watering. Skin: May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) or sensitization in some sensitive individuals. May cause mild, transient respiratory irritation. Avoid prolonged contact with concentrated vapors or mists. Inhalation: Symptoms of Overexposure: 4.3 Ingestion: Nausea, intestinal discomfort, vomiting and/or diarrhea. 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. 4.6 Target Organs: Eves, skin. 4.7 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. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO₂, and NOx). 5.2 Extinguishing Methods Water, Foam, CO2, Dry Chemical 5.3 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 6 1 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., gogqles, 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 <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.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/1/2016 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: 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 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 slipping hazard. Clean up all spills promptly. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION Exposure Limits: ACGIH NOHSC OTHER 8.1 ppm (mg/m³) TLV STEL ES-TWA ES-STEL ES-PEAK CHEMICAL NAME(S) PEL STEL IDLH AMMONIUM HYDROXIDE 25 35 25 50 NF 25 NA NA 25 NIOSH p-PHENYLENEDIAMINE NF (0.1)NA 25 NA NA NF (0.1)TRIETHANOLAMINE (5) NΑ NF NF NF NA NA NA 8.2 Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station) 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. Eye Protection: Avoid eye contact. None required under normal conditions of use. When handling large quantities 8 4 (e.g., ≥ 1 gallon (3.8 L)) safety glasses with side shields should be used. 8.5 Hand Protection: Required under normal conditions of use to prevent staining and keep exposure level to a minimum. Use latex or PVC gloves. When handling large quantities (e.g., ≥ 1 gallon (3.8 L)), wear rubber or impervious plastic gloves must be worn. Body Protection: No apron required when handling small quantities. Lab coat or apron should be worn to protect 8.6 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. 9. PHYSICAL & CHEMICAL PROPERTIES Dark red brown cream 9.1 Appearance: 9.2 Odor Ammoniacal / menthol like odor Odor Threshold: 9.3 NA 9.4 pH: NA Melting Point/Freezing Point: 9.5 60-65 °C (140-149 °F) Initial Boiling Point/Boiling 9.6 NA Range: 9.7 Flashpoint: NA Upper/Lower Flammability 9.8 NA Vapor Pressure: 9.9 NA 9.10 Vapor Density NA 9.11 Relative Density: 0.899 g/mL 9.12 Solubility: Slightly soluble 9.13 Partition Coefficient (log Pow): NA Autoignition Temperature: 9.14 NA 9.15 Decomposition Temperature: NA 9.16 Viscosity: NA 9.17 Other Information: NA 10. STABILITY & REACTIVITY 10.1 Stability: Stable under normal conditions; unstable with heat or contamination. Hazardous Decomposition Oxides of carbon (CO, CO₂), nitrogen (NO_x) and sulfur (SO₂). Hazardous Polymerization: 10.3 Will not occur. 10.4 Conditions to Avoid: Open flames, sparks, high heat, incompatible substances and direct sunlight. 10.5 Incompatible Substances: Avoid extreme heat and ignition sources. Store away from oxidizers

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/1/2016 11. TOXICOLOGICAL INFORMATION Inhalation: NO Absorption: YES 11.1 Routes of Entry: Ingestion: YES 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 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, 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 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).

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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	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:

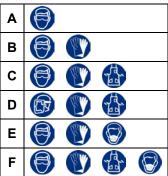
CPR Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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



PERSONAL PROTECTION RATINGS:







Cy Face Shield &



Splash Goggles





Full Face Respirator



& Full Suit **Full Face** Respirator

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

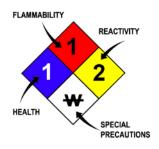
ML	Maximum Limit				
mg/m3	milligrams per cubic meter				
NA Not Available					
ND Not Determined					
NE Not Established					
NF Not Found					
NR	No Results				
ppm parts per million					
SCBA	Self-Contained Breathing Apparatus				

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	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, explode or ignite in the presence of an ignition source								

HAZARD RATINGS:

0	Minimal Hazard					
1	Slight Hazard					
2	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
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
${\sf TD}_{\sf lo}, {\sf LD}_{\sf lo}, \& {\sf LD}_{\sf o}$ or ${\sf TC}, {\sf TC}_{\sf o}, {\sf LC}_{\sf lo}, \& {\sf LC}_{\sf o}$	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 K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

	EGGEATORT IN ORMATION.								
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	(*)	(@	\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:

		M	*		9	X	×
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

			\Diamond	A Park		\limits		(1)
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment