

**Product Name:** Paul Mitchell The Color 4RO, 5RO, 6RO, 8RO

Material Safety Data Sheet  
acc. to OSHA and ANSI

**1 Identification of substance:**

**Product Details:**

**Product Name:** Paul Mitchell The Color 4RO, 5RO, 6RO, 8RO

**Manufacturer/Supplier:**

JPMS Manufacturing, LLC.

237 Buttonwood Street

Reading, PA 19601

Emergency phone:

Chem-Trec (800) 424-9300 or (703) 527-3887

**2 Composition/Data on components:**

**Chemical characterization:**

**Description: (CAS#)**

Inert Base (Proprietary): 93.71% to 95.571%

	CAS#	Percent	EINCES Number
Ammonium Hydroxide	1336-21-6	1.93	215-647-6
Para-Phenylenediamine	106-50-3	0.133-0.360	203-404-7
Meta-Aminophenol	591-27-5	0.067-0.200	209-711-2
4-Amino-2-Hydroxytoluene	2835-95-2	0.333-1.000	220-618-6
Para-Aminophenol	123-30-8	0.266-0.800	204-616-2
2-Amino-3-Hydroxypyridine	16867-03-1	0.067-0.200	240-886-8
2-Amino-6-Chloro-4-Nitrophenol	6358-09-4/131657-58-8	0.033-0.200	228-762-1
Triethanolamine	102-71-6	1.60	203-049-8

**3 Hazards Identification**

**EMERGENCY OVERVIEW:**

This product can cause severe eye irritation and cause blindness if accidentally splashed in the eyes. Cases of allergic reaction can occur in 1:100,000 individuals. Preliminary patch testing is recommended. If a severe allergic reaction should occur, immediately seek medical attention. If splashed in eyes, flush with water for at least 15 minutes and seek medical attention.

**HMIS ratings (scale 0-4)**

Health (acute effects) =1

Flammability = 0

Reactivity = 0

**4 First Aid measures****After inhalation**

Inhalation is not considered to be one of the routes of exposure for this product.

**After skin contact**

As with any chemical product, washing with soap and water is recommended.

**After eye contact**

Rinse opened eye for several minutes under running water. Then consult a physician.

**After swallowing**

Seek medical advice as soon as possible.

**5 Fire fighting measures****Suitable extinguishing agents**

Carbon dioxide, extinguishing powder or water spray.

**Special hazards caused by the material, it's products of combustion or resulting gases:**

In case of fire ammonia, carbon monoxide and carbon dioxide can be released.

**Protective equipment:**

Wear self-contained respirator

**6 Accidental release measures****Person-related safety precautions:**

Do not allow persons to walk in area. Floor may be slippery.

**Measures for environmental protection:**

Salon usage quantities can safely be introduced without environmental impact.

**Measures for cleaning/collecting:**

Hot water and detergent may be used to clean up spills.

**7 Handling and storage****Handling****Information for safe handling:**

Keep tubes tightly closed and puncture membrane intact until ready to use. Store in a cool, dry place.

**Information about protection against explosions and fires:**

Not an explosion or fire hazard.

**Storage**

No special storage requirements.

## **8 Exposure controls and personal protection**

### **Additional information about design of technical systems:**

No special ventilation or technical systems are required.

### **Components with limit values that require monitoring at the workplace:**

Ammonium Hydroxide 25 ppm limit

Note: This concentration cannot be achieved in a salon setting.

### **Additional information:**

None available.

### **Personal protective equipment**

#### **General protective and hygienic measures**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

#### **Breathing equipment:**

None required.

#### **Protection of hands:**

Use of latex or PVC gloves are recommended for the color technician, to prevent staining and keep exposures levels to a minimum.

#### **Eye protection:**

Safety glasses should be worn.

#### **Body protection:**

A suitable lab coat will protect clothing.

**Product Name:** Paul Mitchell The Color 4RO, 5RO, 6RO, 8RO**9 Physical and chemical properties:**

<b>General Information</b>	
<b>Form:</b>	Cream
<b>Color:</b>	Bright-Orange
<b>Odor:</b>	Ammonia/menthol
Change in condition	
<b>Melting point</b>	60 to 65 degree Celsius
<b>Boiling point</b>	Not determined
<b>Sublimation temperature</b>	Not determined
<b>Flash Point</b>	Not applicable
<b>Ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Danger of explosion</b>	Product does not present an explosion hazard.
<b>Explosion limits</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Specific Gravity</b>	0.899 g/ml
<b>Solubility in water</b>	Slightly soluble

**10 Stability and reactivity****Thermal decomposition / conditions to be avoided:**

Decomposition will not occur if used and stored according to specifications.

**Materials to be avoided:** Oxidizing agents, acids.**Dangerous reactions:** No dangerous reactions known.**Dangerous products of decomposition:** Ammonia, carbon dioxide, carbon monoxide

**11 Toxicological information**

**Acute toxicity:**

**Primary irritant effect on the skin:** Slight irritant to skin and mucous membranes

**on the eye:** Moderate irritant to the eyes.

**Sensitization:** Constant exposure by salon technicians may result in allergic dermatitis. In certain individuals (1:100,000) a severe allergic reaction may occur on either the first application or after multiple exposures.

**Subacute to chronic toxicity:**

Other than potential irritation (see above), no information on illness or injury to humans from acute or chronic exposure to this product is available.

**Additional toxicological information:**

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

**12 Ecological information**

**General notes:**

Quantities generated in a salon discharged into the sewage system do not present any environmental hazards.

**13 Disposal considerations**

**Product:**

**Recommendation**

Consult state, local or national regulations to ensure proper disposal.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**14 Transport Information**

Not a hazardous material for transportation.

<b>DOT regulations</b>	<b>Hazard Class:</b> Nonhazardous
<b>Land transport ADR/RID</b>	<b>ADR/RID class:</b> Nonhazardous
<b>Maritime transport IMDG:</b>	<b>IMDG class:</b> Nonhazardous
<b>Air transport ICAO-TI and IATA-DGR:</b>	<b>ICAO/IATA class:</b> Nonhazardous

**Transport/Additonal Information:**

Not dangerous according to the above specifications

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## 15 Regulations

### Product related hazard information:

#### Hazard symbols:

None

#### Risk phrases:

36 Irritating to the eyes.

#### Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### National regulations

This product is not listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is intended for use by professional stylists.

Some or all of the components of this product are not listed on the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).

### Information about limitation of use:

For use only by qualified hair professionals.

## 16 Other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

**Department issuing MSDS:** Technical support department.

**Contact:** Marilena Mazgareanu