Material Safety Data Sheet
acc. to OSHA and ANSI

1 Identification of substance:

Product Details:

Product Name: Paul Mitchell The Color 3G, 4G, 5G
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): 93.87% to 96.39%

	CAS#	Percent	EINCES Number
Ammonium Hydroxide	1336-21-6	1.93	215-647-6
Para-Phenylenediamine	106-50-3	0.100-0.600	203-404-7
Para-Aminophenol	123-30-8	0.053-0.215	204-616-2
4-Chlororesorcinol	95-88-5	0.115-0.460	202-462-0
4-Amino-2-Hydroxytoluene	2835-95-2	0.010-0.020	220-618-6
2-Methylresorcinol	608-25-3	0.054-0.300	210-155-8
2-Amino-6-Chloro-4-Nitrophenol	6358-09-4/131657-58-8	0.037-0.150	228-762-1
HC Yellow No.4	59820-43-8/52551-67-4	0.043-0.174	258-002-4
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.

9 Physical and chemical properties:

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

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

Transport/Additional Information:
Not dangerous according to the above specifications

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