

Product Name: Paul Mitchell Flash Back Dark Cool Natural (3CN)Material Safety Data Sheet
acc. to OSHA and ANSI**1 Identification of substance:****Product Details:****Product Name:** Paul Mitchell Flash Back (Liquid Color) Dark Cool Natural (3CN)**Manufacturer/Supplier:**

JPMS Manufacturing, LLC.

237 Buttonwood Street

Reading, PA 19601

Emergency phone:

Chem-Trec 1-800-424-9300 or (703) 527-3887

2 Composition/Data on components:**Chemical characterization:****Description: (CAS#)**

Inert Base (Proprietary): 96.01% to 99.165%

	CAS#	Percent	EINCES Number
2,4-Diaminophenoxyethanol Dihydrochloride	66422-95-5	0.080	266-357-1
Para-Phenylenediamine	106-50-3	1.330	203-404-7
2-Chloro-p-Phenylenediamine Sulfate	6219-71-2	0.270	228-291-1
Resorcinol	108-46-3	1.030	203-585-2
Meta-Aminophenol	591-27-5	0.060	209-711-2

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

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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, its 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 caps tightly closed 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.

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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:

NONE

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.

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9 Physical and chemical properties:	
General Information	
Form:	Liquid
Color:	Clear
Odor:	Perfumed
Change in condition	
Melting point	n/a
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	1.12 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:** carbon dioxide, carbon monoxide

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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.

Sub acute 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.

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Not a hazardous material for transportation.

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

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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 D. Mazgareanu