

Red Dye
MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2014

1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Red Dye
CLASSIFICATION: Additive

MANUFACTURER
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2. COMPOSITION/INGREDIENT INFORMATION

Ingredient / CAS Number	Exposure Limits	Concentration
Basic Violet 10 CAS #81-88-9	TLV 1 mg/M3	Trade Secret

3. HAZARDS IDENTIFICATION

HEALTH HAZARDS:

EYE CONTACT: Causes irritation to eyes on contact.

SKIN CONTACT: May cause irritation to skin on contact.

INGESTION: Harmful if ingested.

INHALATION: Inhalation of dust may irritate the respiratory tract.

4. FIRST AID MEASURES

EYES: Flush with plenty of water for at least 15 minutes. If irritation develops consult a physician.

SKIN: Wash affected skin areas thoroughly with soap and water. If irritation develops, consult a physician. Remove all contaminated clothing and wash or clean prior to reuse.

INHALATION: Move to fresh air in case of accidental inhalation. If breathing is difficult, administer oxygen and get immediate medical attention.

INGESTION: Give several glasses of milk or water and induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

5. FIRE AND EXPLOSION HAZARDS

FLASH POINT: Not applicable

EXTINGUISHING MEDIA: Foam, CO₂, Dry chemical, or water spray.

PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus and full protective clothing.

SPECIAL FIRE FIGHTING PRECAUTIONS: Dust may be explosive if mixed with air in critical proportions and in the presence of source of ignition.

HAZARDOUS DECOMPOSITION: Burning will produce oxides of carbon and nitrogen, NH₃, and/or Hydrogen Chloride.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Avoid all contact with the product by ingestion, inhalation or contact with the skin, and eyes. Wear a NIOSH approved dust respirator.

SPILLS: Sweep or shovel spills, using an absorbent to prevent dusting. Collect in a waste container for disposal. Wash down the area with water.

7. HANDLING AND STORAGE

HANDLING: In accordance with good industrial practices, handle with care and avoid personal contact.

STORAGE: Keep in closed container at ambient temperature and humidity.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation, local exhaust to minimize exposure.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear goggles.

SKIN: Wear an apron, coveralls, a long-sleeve shirt, rubber gloves, and boots to avoid skin contact.

RESPIRATORY: If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved full-face piece respirator, half-face piece respirator with splash goggles, or powered, filtered air-supplied hood.

OTHER PROTECTIVE EQUIPMENT: Provide eyewash fountain and quick drench facilities in close proximity to points of potential exposure.

HYGIENE PRACTICES: Shower after handling this product. Before eating, drinking, or smoking, wash hands and face with soap and water. Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Greenish/Red Powder with a mild odor

pH: Approx 3.7 (0g/l 80% Ethanol)

SOLUBILITY IN WATER: 15 g/l

BULK DENSITY: 1.31

MELTING POINT: 338 F (170 C)

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None Known

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Burning will produce carbon and nitrogen , NH₃, and/or Hydrogen Chloride.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY: Liver cancer was observed in female mice fed a diet containing 0.02% Basic Violet 10. Also male rate fed a diet containing 0.075% Basic Violet 10 had an elevated incidence of thyroid.

ACUTE ORAL LD50 (rat): Approximately 2000 mg/kg

ACUTE DERMAL LD50 (rabbit): Not irritating **EYES (rabbit):** Severely irritating

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not available

PERSISTENCE/DEGRADABILITY: Not available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

LABEL: N/A

PLACARD: N/A

NMFC (NATIONAL MOTOR FREIGHT CARRIERS)

FREIGHT CLASS: 85

15. REGULATORY INFORMATION**SARA TITLE III**

SECTION 313: Yes

ACUTE: Yes

CHRONIC: Yes

FLAMMABILITY: No

REACTIVITY: No

OXIDIZER: No

NFPA (NATIONAL FIRE PROTECTION AGENCY)

HEALTH: 2

FIRE: 1

REACTIVITY: 0

16. OTHER INFORMATION

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