

Material Safety Data Sheet

Effective Date: 17-NOV-2010
Product: HELENA SPRAY INDICATOR XL

I. IDENTIFICATION

Chemical Name: Dye
Chemical Family: Spray Indicator
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not determined
Spec Gravity: 1.08-1.126 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: 100%
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Blue liquid

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of dyes.		100.00	N/E	Skin, eye & respiratory irritant.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible
Autoignition Temp: Not applicable
Flammable Limit: Not determined
Extinguishing Media: Use foam, alcohol foam, carbon dioxide, dry chemical or water fog extinguishing agents.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing.
Fire and Expl Hazard: No fire or explosion hazard known.

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V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Not believed to be primary route of exposure. Short-term harmful effects are not expected. However, ingestion of large quantities may be harmful.

Skin Absorption: Short-term harmful effects are not expected.

Inhalation: Repeated exposure by inhalation can cause allergic sensitization.

Skin contact: Prolonged or repeated contact may result in mechanical irritation.

Eye Contact: Short-term harmful effects are not expected. However, prolonged or repeated contact may result in irritation.

Chronic Effects: None currently known.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Seek medical attention.

Skin: Wash affected area with soap and water. If irritation develops, seek medical attention.

Inhalation: Move to fresh air. If irritation develops or persists, seek medical attention.

Eyes: Immediately flush eyes with water, continuing for at least 15 minutes. Seek medical attention.

Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable

Conditions to Avoid: Stable normal storage and handling conditions. Avoid extremes in temperature.

Polymerization: Will Not Occur

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Conditions to Avoid: None currently known.
Incompatibility material: Avoid long term direct contact with reactive metals, e.g., aluminum, zinc, copper, nickel. Avoid strong oxidizing agents and disinfectants.
Hazardous Combustion: May evolve noxious fumes including oxides of carbon and nitrogen, acetic acid or other toxic compounds.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spilled product to prevent discharge to surface streams or storm sewers. Collect spilled product with an inert absorbent, such as sand or vermiculite. Place in properly labeled and closed container.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None needed under normal use conditions.
Ventilation: Use local exhaust to control vapors/mists when necessary.
Gloves: Waterproof gloves.
Eyes: Safety glasses.
Other: Clean clothing should be worn daily to avoid possible long-term buildup of the product.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds or drains with this product.
Other precaution: Store between 5 Degrees C and 40 Degrees C. Do not freeze. Store in a dry place in sealed containers until ready for use.

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X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Dyestuffs, NOI (NMFC Item 60280, Class 100)

Chemical Name	Equivalent R.Q.
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Not applicable	Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 0 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: N	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

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