



Safety Data Sheet

Report Date 26-Mar-15

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1. Identification

Product Name : SPRAY INDICATOR
Synonyms : None
Product Use : Dyestuffs
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification

Signal Word : No signal word or pictogram required.
Skin Irritation : Not irritating to the skin.
Eye Irritation : Not irritating to the eyes.
Acute Toxicity Oral : Virtually non-toxic after a single ingestion.
Acute Toxicity Dermal : Virtually non-toxic after a single skin contact.
Hazard Categories : No need for classification according to GHS criteria.
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Proprietary ingredients	Proprietary	100.00

4. First Aid Measures

Eye : Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Skin : Remove contaminated clothing. Wash thoroughly with soap and water.
Inhalation : Keep patient calm, remove to fresh air, seek medical attention.
Ingestion : Immediately rinse mouth and then drink 200 to 300 ml of water. Seek medical attention.
Indication of Immediate Medical Attention and Special Treatment Needed : No significant reaction of the human body to the product known. Treat according to symptoms. No specific antidote.

5. Fire Fighting Measures

Extinguishing Media : Use water spray, dry powder, foam, carbon dioxide.
Specific Hazards Arising from the Chemical : Emits carbon monoxide, carbon dioxide, nitrogen oxides. Keep containers cool by spraying with water if exposed to fire. Do not breathe fumes. Collect contaminated extinguishing water separately. Do not allow to reach waterways.
Special Fire Fight Proc : Wear self-contained breathing apparatus and chemical-protective clothing.

6. Accidental Release Measures

Personal Precautions : Do not breathe vapors or spray. Use personal protective clothing. Avoid contact with skin, eyes and clothing.
Protective Equipment : Use safety glasses with side shields or splashproof goggles or face shield, body protection appropriate for activity, chemical-protective gloves. Respiratory protection is not required.



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- Emergency Procedures** : Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwaters.
- Methods and Materials for Containment and Cleanup** : Pick up spilled liquid with suitable absorbent material (e.g., sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

7. Handling and Storage

- Precautions for Safe Handling** : No special measures necessary if stored and handled correctly. Ensure thorough ventilation of storage and work areas. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.
- Conditions for Safe Storage** : Segregate from foods and animal feed. Keep away from heat. Protect from direct sunlight.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL established.
- Appropriate Engineering Controls** : Use engineering controls to minimize the need for personal protective equipment.
- Personal Protective Equipment** : Use safety glasses with side shields or splashproof goggles or face shield, body protection appropriate for activity, chemical-protective gloves. Respiratory protection is not required.

9. Physical and Chemical Properties

- Odor/Appearance** : Odorless liquid. Color is product specific.
- Flash Point, °F** : >100 Degrees C.
- Boiling Point, °F** : Approximately 100 Degrees C.
- Melting Point(Freezing point), °C** : Approximately 0 Degrees C.
- Vapor Pressure, mm Hg @ 20 °C** : Approx. 23.4 kPa (solvent)
- Vapor Density** : Not applicable
- Solubility in Water** : Dispersible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : approx 1.06
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : Not applicable
- pH** : 7.0-9.5
- Flammable Limits (approximate volume % in air)** : Not applicable
- Auto-ignition Temperature** : Not applicable
- Decomposition temperature** : No decomposition if stored and handled as prescribed/indicated.

10. Stability and Reactivity

- Reactivity** : Not reactive
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : No decomposition if stored and handled as prescribed.



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Hazardous Polymerization : Will not occur
Conditions to Avoid : No special precautions necessary. Non-combustible and non-explosive.
Incompatible Materials : Strong acids, strong bases, strong oxidizing agents.

11. Toxicological Information

Acute Toxicity (Oral LD50) : >5,000 mg/kg
Acute Toxicity (Dermal LD50) : >5,000 mg/kg
Acute Toxicity Inhalation LC50 : >20,000 mg/L (vapor)
Likely Routes of Exposure : Ingestion, inhalation, skin and eyes.
Skin Irritation : Not irritating to the skin.
Eye Irritation : Not irritating to the eyes.
Skin Sensitization : There is no evidence of skin-sensitizing potential.
Carcinogenic : Not listed by IARC, NTP or OSHA.
Chronic Effects : None currently known.
Other Hazards : May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

12. Ecological Information

Ecotoxicity : There is a high probability that the product is not acutely harmful to aquatic organisms.
Persistence and Degradability : Colorants are, by their nature, very stable and not readily biodegradable.
Bioaccumulative Potential : Significant accumulation in organisms is not expected.
Mobility in Soil : Adsorption to solid soil phase is expected.
Other Adverse Effects : Do not discharge into the environment without control.

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Dyestuffs, NOI (NMFC Item 60280, Class 100)

15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 Fire: 0 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

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



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

16. Other Information

Data of Preparation/Revision : 26-March-2015