



Safety Data Sheet

Report Date 26-Mar-15

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1. Identification

Product Name : HELENA SPRAY INDICATOR XL
Synonyms : None
Product Use : Spray Indicator
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 nontoxic after a single ingestion.
Acute Toxicity Dermal : Virtually nontoxic after a single skin contact.
Hazard Categories : Not classified as hazardous under GHS.
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Proprietary ingredients	Proprietary	100.00

4. First Aid Measures

Eye : Immediately flush eyes with water, continuing for at least 15 minutes. Seek medical attention if irritation develops.
Skin : Remove contaminated clothing. Wash thoroughly with soap and water.
Inhalation : Keep patient calm. Remove to fresh air.
Ingestion : Rinse mouth and then drink plenty of water.
Indication of Immediate Medical Attention and Special Treatment Needed : No significant reaction of the human body to the product is known. Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media : Use water spray, dry powder, foam, carbon dioxide.
Specific Hazards Arising from the Chemical : No fire or explosion hazard known. May emit carbon monoxide, carbon dioxide and nitrogen oxides.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing. 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 any waterways.

6. Accidental Release Measures

Personal Precautions : Do not breathe vapor or spray. Use personal protective equipment. Avoid contact with skin, eyes and clothing.



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- Protective Equipment** : Chemical-resistant protective gloves, safety glasses with side shields or splashproof goggles or face shield, body protection should be chosen based on activity. Respiratory protection is not required.
- Emergency Procedures** : Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.
- Methods and Materials for Containment and Cleanup** : Pick up spilled liquid with suitable absorbent material. Dispose of absorbed material in accordance with applicable 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. Protect against freezing. Protect against freezing.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No information found.
- Appropriate Engineering Controls** : Use engineering controls to minimize the need for personal protective equipment.
- Personal Protective Equipment** : Chemical-resistant protective gloves, safety glasses with side shields or splashproof goggles or face shield, body protection should be chosen based on activity. Respiratory protection is not required.

9. Physical and Chemical Properties

- Odor/Appearance** : Blue liquid; odorless.
- 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 hPa (for solvent)
- Vapor Density** : Not applicable
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.08 - 1.13
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : Not applicable
- pH** : 3.5-5.5
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not applicable
- Decomposition temperature** : No decomposition if stored and handled as prescribed/indicated.

10. Stability and Reactivity

Reactivity : Not reactive



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- Chemical Stability** : Stable
Hazardous Decomposition : No decomposition if stored and handled as prescribed/indicated.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : No special precautions necessary. Non-combustible and non-explosive.
Incompatible Materials : Avoid 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 (determined for vapor)
Likely Routes of Exposure : Ingestion, inhalation, eye or skin contact.
Skin Irritation : Not irritating to the skin.
Eye Irritation : Not irritating to the eyes.
Skin Sensitization : There is no evidence of sensitizing potential.
Carcinogenic : Not listed by IARC, NTP or OSHA.
Chronic Effects : No chronic effects known or suspected.
Other Hazards : Misuse can be harmful to health. No significant reaction of the human body to the product is known.

12. Ecological Information

- Ecotoxicity** : There is a high probability the product is not acutely toxic to aquatic organisms.
Persistence and Degradability : The product has not been tested. Colorants are, by their nature, very stable and therefore, not readily biodegradable.
Bioaccumulative Potential : Significant accumulation in organisms is not to be expected.
Mobility in Soil : Adsorption to solid soil phase is not to be expected.
Other Adverse Effects : Do not discharge product 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 hazards
Transport in Bulk : None
Special Precautions for Transportation : None
Freight Classification : Dyestuffs, NOI (NMFC Item 60280, Class 100)

15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 Fire: 0 Reactivity: 0



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

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

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

16. Other Information

Data of Preparation/Revision : 26-March-2015