



Safety Data Sheet

Report Date 27-Mar-15

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1. Identification

Product Name : LAKE COLORANT HP WSP
Synonyms : None
Product Use : Dye
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 %
Silicic acid, magnesium salt	1343-88-0	0.1-1.0
Proprietary ingredients	Proprietary	99.0-100.0

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 affected areas 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 this product is known. Provide symptomatic treatment.

5. Fire Fighting Measures

Extinguishing Media : Use water spray, dry powder or foam extinguishing agents.
Specific Hazards Arising from the Chemical : Can release carbon monoxide, carbon dioxide and nitrogen oxides under fire conditions.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing. Collect contaminated extinguishing water separately, do not allow to reach any waterways. Keep containers cool by spraying with water if exposed to fire.

6. Accidental Release Measures

Personal Precautions : Avoid dust formation. Use protective clothing. Avoid contact with the skin, eyes and clothing.



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- Protective Equipment** : Safety glasses with side shields or chemical goggles or face shield, wear long-sleeved shirt and long pants, chemical-resistant gloves. Use NIOSH-approved particulate respirator if ventilation is inadequate to control dust. Shower and eyewash should be available in work area.
- Emergency Procedures** : Do not discharge into subsoil/soil. Do not discharge into drains/surface waters/groundwater.
- Methods and Materials for Containment and Cleanup** : Contain with dust binding material. Sweep or shovel up and place in suitable containers. Dispose of absorbed material in accordance with proper regulations. Clean contaminated floors and objects thoroughly with water and detergents. Contain wash water and dispose of with collected product.

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. Avoid dust formation. Dust can form an explosive mixture with air. Prevent electrostatic discharge - sources of ignition should be kept well clear - fire extinguishers should be available in immediate area.
- Conditions for Safe Storage** : Segregate from foods and animal feeds. Keep only in the original container in a cool, dry, well-ventilated area away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. Protect from heat and cold. Avoid freezing.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL established for this product.
- Appropriate Engineering Controls** : Engineering controls should be used to minimize the need for personal protective equipment.
- Personal Protective Equipment** : Safety glasses with side shields or chemical goggles or face shield, wear long-sleeved shirt and long pants, chemical-resistant gloves. Use NIOSH-approved particulate respirator if ventilation is inadequate to control dust. Shower and eyewa

9. Physical and Chemical Properties

- Odor/Appearance** : Dark purple or brown solid; slight odor.
- Flash Point, °F** : Not applicable
- Boiling Point, °F** : Not applicable
- Melting Point(Freezing point), °C** : Not applicable
- Vapor Pressure, mm Hg @ 20 °C** : Not applicable
- Vapor Density** : Not applicable
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 200-1200 kg/m³ (bulk density)
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : Not applicable
- pH** : 5-7 (1%)
- Flammable Limits (approximate volume % in air)** : Not applicable
- Auto-ignition Temperature** : Not applicable
- Decomposition temperature** : No decomposition if stored and handled as prescribed/indicated.



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10. Stability and Reactivity

- Reactivity** : Not reactive.
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : No hazardous decomposition products if stored and handled as prescribed/indicated.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid extreme temperatures. Avoid contamination. May form an explosive mixture if (1) the dust is suspended in the atmosphere as a dust cloud AND (2) the concentration of the dust is > LEL AND (3) the LOC is exceeded.
- Incompatible Materials** : Strong acids, strong bases, strong oxidizing agents.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : Virtually nontoxic after a single ingestion.
- Acute Toxicity (Dermal LD50)** : Virtually nontoxic after a single skin contact.
- Acute Toxicity Inhalation LC50** : Virtually nontoxic by inhalation.
- Likely Routes of Exposure** : Ingestion and inhalation
- Skin Irritation** : Not irritating to the skin.
- Eye Irritation** : Not irritating to the eyes.
- Skin Sensitization** : There is no evidence of a skin-sensitizing potential.
- Carcinogenic** : Not listed by IARC, NTP or OSHA.
- Chronic Effects** : This product has not been tested for repeated dose toxicity. The statement has been derived from the properties of the individual components. No signs of infectivity or pathogenicity were seen in mammals during repeated exposure and during recovery.
- Other Hazards** : May provoke asthmatic response in persons with asthma who are sensitive to airway irritation.

12. Ecological Information

- Ecotoxicity** : There is a high probability that the product is not acutely harmful to aquatic organisms.
- Persistence and Degradability** : The product has not been tested. Biodegradable.
- Bioaccumulative Potential** : At the present state of knowledge, no negative ecological effects are expected.
- Mobility in Soil** : Due to the product characteristics the test is impossible.
- 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 hazard
- Transport in Bulk** : No information found



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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) :

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