



Safety Data Sheet

Report Date 05-Apr-16

Page 1 of 4

1. Identification

Product Name : LAKE COLORANT
Synonyms : Liquid Lake Colorant
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 : None (no symbol)
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Acute Toxicity Oral : LD50 >5,000 mg/kg (acute toxicity estimate)
Acute Toxicity Dermal : LD50 >5,000 mg/kg (acute toxicity estimate)
Hazard Categories : Not classified as hazardous under 29 CFR 1910.1200 (2012).
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Proprietary blend of Acid Blue #9, Acid Yellow #23 (dyestuffs) and inert ingredients.	Proprietary	100.00
GUARANTEED ANALYSIS: (by weight)		
Acid Blue #9:		23.63
Acid Yellow #23:		2.39
Components ineffective as adjuvant:		73.98

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.
Indication of Immediate Medical Attention and Special Treatment Needed : In the event of an adverse response, treatment should be directed toward control of the symptoms.

5. Fire Fighting Measures

Extinguishing Media : Use water spray, dry powder, foam or carbon dioxide extinguishing agents.
Specific Hazards Arising from the Chemical : Can release carbon monoxide, carbon dioxide and nitrogen oxides in case of fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.



Safety Data Sheet

Report Date 05-Apr-16

Page 2 of 4

Special Fire Fight Proc : Wear self-contained breathing apparatus and chemical-protective clothing. Keep containers cool by spraying with water if exposed to fire. Avoid breathing fumes.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area. Do not breathe vapor/spray. Avoid contact with skin, eyes and clothing.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Do not discharge into the subsoil/soil. Do not discharge into drains, surface waters, groundwater.
- Methods and Materials for Containment and Cleanup** : Pickup up small spills with suitable absorbent material (e.g., sand, sawdust, general purpose binder). For large spills, dike spill, then pump up liquid. Collect waste in suitable, labeled containers. Clean contaminated floors and objects thoroughly with water and detergent. Collect wash water. Dispose of absorbed/collected material in accordance with 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 feeds. Keep away from heat. Protect from direct sunlight. Store protected against freezing.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL available.
- Appropriate Engineering Controls** : Use local exhaust to control mists.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Blue liquid, odorless.
- Flash Point, °F** : >100 Degrees C.
- Boiling Point, °F** : 100 Degrees C.
- Melting Point(Freezing point), °C** : <0 Degrees C.
- Vapor Pressure, mm Hg @ 20 °C** : approx 23.4 hPa @20C (solvent)
- Vapor Density** : Heavier than Air
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.04 to 1.14
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : No information found
- pH** : 7-9.5 @ 20C
- Flammable Limits (approximate volume % in air)** : Not applicable



Safety Data Sheet

Report Date 05-Apr-16

Page 3 of 4

Auto-ignition Temperature : Not applicable
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No hazardous reactions
Chemical Stability : Stable
Hazardous Decomposition : No decomposition if stored/handles as indicated.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : None currently known.
Incompatible Materials : Strong acids, strong bases, strong oxidizing agents.

11. Toxicological Information

Acute Toxicity (Oral LD50) : >5,000 mg/kg (acute toxicity estimate). Not classified as hazardous under 29 CFR 1910.1200 (2012).
Acute Toxicity (Dermal LD50) : >5,000 mg/kg (acute toxicity estimate). Not classified as hazardous under 29 CFR 1910.1200 (2012).
Acute Toxicity Inhalation LC50 : >5,000 mg/L (mist-acute tox estimate). Not classified as hazardous under 29 CFR 1910.1200 (2012).
Likely Routes of Exposure : Skin, eyes, inhalation
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012).
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012).
Skin Sensitization : There is no evidence of skin-sensitizing potential.
Carcinogenic : The product has not been tested. No evidence of carcinogen effect in various animal studies.
Chronic Effects : The product has not been tested. No substance-specific organ toxicity observed after repeated administration to animals.
Other Hazards : Temporary discoloration of the skin may occur with contact.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

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



Safety Data Sheet

Report Date **05-Apr-16**

Page 4 of 4

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: 0 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: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 05-April-2016