

MATERIAL SAFETY DATA SHEET

MYSTIC LAKE BLUE

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Issue Date: 01/12

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

MYSTIC LAKE BLUE

Common Name: Color additive.

Chemical Description: Liquid organic colorant.

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Winfield Solutions, LLC

P.O. Box 64589

St. Paul, MN 55164

Emergency Phone Numbers

Medical Emergency #: 1-877-424-7452

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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None.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Dark blue colored solution with bland odor. May cause eye irritation. May be harmful if ingested. Not D.O.T. regulated.

HEALTH: 0 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

Eyes: Rinse eyes with plenty of running water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Some dyes may temporarily stain skin.

Ingestion: May be irritating to the gastrointestinal system. Large quantities can cause vomiting and diarrhea. If large quantities are ingested, dilute with two glasses of water and consult a poison control center or physician.. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	Not available.
Test Method:	Not available.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not available.
Flammability Classification:	Does not burn.
Known Hazardous Products of Combustion:	Not known.
Properties that Initiate/Contribute to Intensity of Fire:	Not known.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not known.
Unusual Fire & Explosion Hazards:	None.
Extinguishing Media:	Foam, carbon dioxide, dry chemical, or water fog.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6.	SPILLS AND LEAKS
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Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Store in tightly closed original container only in a cool, well-ventilated, dry place at temperatures between 40 and 95°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. May cause eye irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective clothing as some dyes may temporarily stain skin. Wash thoroughly with soap and water after handling. Remove and launder clothing before reuse.

SECTION 8.	PERSONAL PROTECTIVE EQUIPMENT
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Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Dark blue colored solution.
Odor:	Bland.
pH:	<7
Vapor Pressure:	20
Vapor Density (Air=1):	Not determined.
Boiling Point:	Approximately 212°
Freezing Point:	Not available.
Water Solubility:	Soluble.
Density:	10.01 lbs./gal
Evaporation Rate:	<1
Viscosity:	Not available.
% Volatile:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	None known.
Incompatibility:	None known.
Hazardous Decomposition Products:	Not known.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Slight irritant. May cause redness and swelling of the conjunctiva.
Skin:	No adverse effects.
Ingestion:	May be irritating to the gastrointestinal system. Large quantities can cause vomiting and diarrhea.
Inhalation:	No significant health hazard under normal use.
<u>Subchronic Effects:</u>	None known.
<u>Chronic Effects:</u>	None known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local waste disposal regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

SECTION 14. TRANSPORTATION

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Liquid Ink Material. (NMFC Item 101760 Sub 3, LTL Class 55)

SECTION 15. REGULATORY INFORMATION
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CERCLA: None.
SARA TITLE III, Section 313 Toxic Chemicals: None.

SECTION 16. OTHER

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