

### Safety Data Sheet

NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY	
0	Least			Not regulated by the U.S. DOT as a hazardous material. See Section 14 for additional information.	
1	Slight	0	Health		
2	Moderate	0	Flammability		
3	High	0	Reactivity		
4	Severe				

SECTION 1: IDENTIFICATION	
<b>Product Name:</b>	Mystic Lake Blue
<b>EPA Registration #:</b>	Exempt
<b>Product ID/Unity #:</b>	1573992, 1408931
<b>Common Name:</b>	Color additive
<b>Chemical Description:</b>	Liquid organic colorant
<b>Recommended Uses:</b>	Agricultural/Horticultural Use – Dye -See product label for full directions for use.
<b>Restrictions for Use:</b>	See product label for any potential restrictions on use.
<b>Manufactured For:</b> WINFIELD SOLUTIONS, LLC P. O. Box 64589 St. Paul, MN 55164-0589	<b>MEDICAL EMERGENCY TELEPHONE NUMBER:</b> 1-877-424-7452 (24hrs)  <b>Non-Emergency Business Inquiries:</b> 1-855-494-6343 Mon – Fri 8am – 5pm (Central Standard Time)
<b>FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:</b> CHEMTREC 1-800-424-9300 (24 hours)	

SECTION 2: HAZARDS IDENTIFICATION	
<b>EMERGENCY OVERVIEW:</b> Dark blue colored solution with bland odor. May cause eye irritation. May be harmful if ingested. Not D.O.T. regulated. Based on currently available data, this product does not meet the regulatory definition of a hazardous substance. However, good industrial hygiene practices should be used in handling the product.	
<b>POTENTIAL HEALTH EFFECTS:</b> <b>Eyes:</b> Rinse eyes with plenty of running water for at least 15 minutes. Get medical attention if irritation persists. <b>Skin:</b> Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Some dyes may temporarily stain skin. <b>Inhalation:</b> Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention. <b>Ingestion:</b> 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. <b>Preexisting Conditions:</b> None known <b>Chronic Health Effects:</b> None known	
<b>Carcinogenicity</b>	NTP: Not listed                      IARC: Not listed                      OSHA: Not listed
<b>OSHA HCS 2012 CLASSIFICATION:</b> This product does not meet the definition of a hazardous substance under OSHA's Hazard Communication Standard.	
<b>SIGNAL WORD:</b> CAUTION	
<b>HAZARD STATEMENTS:</b> None required.	
<b>Percent of product with unknown toxicity:</b> 0%	
<b>PRECAUTIONARY STATEMENTS:</b> <b>Prevention:</b> See Section 8 for personal protective equipment. <b>Response:</b> See Section 4 for first aid information. <b>Storage:</b> See Section 7 for storage information. <b>Disposal:</b> See Section 13 for disposal information.	

## Mystic Lake Blue

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	% (wt)	CAS Reg. #
Acid Blue 9, disodium salt	3844-45-9	30 - < 40°
Other components below reportable levels		60 - < 70
*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i).		

SECTION 4: FIRST AID MEASURES	
Inhalation:	Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth and get medical attention.
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.
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.

SECTION 5: FIRE FIGHTING MEASURES
<b>Suitable Extinguishing Media:</b> Foam, carbon dioxide, dry chemical, or water fog.
<b>Special Fire Fighting Procedures:</b> Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.
<b>Hazardous Combustion Products:</b> None known
<b>Unusual Fire and Explosion Hazards:</b> None known

SECTION 6: ACCIDENTAL RELEASE MEASURES
<b>Personal Precautions:</b> Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.
<b>Environmental Precautions:</b> Keep spilled product and any rinse water from entering sewers or waterways.
<b>Methods for Containment:</b> Prevent product spillage from entering drinking water supplies or streams.
<b>Methods for Clean-up:</b> Collect liquid or absorb onto absorbent material and package for disposal. <b>Large Spills:</b> Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. <b>Small Spills:</b> Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Other Information:</b> None known

SECTION 7: HANDLING AND STORAGE
<b>Handling:</b> 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.
<b>Storage:</b> 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.
<b>Minimum Storage Temperature:</b> Not applicable
<b>Other Precautions:</b> Consult Federal, state and local laws and regulations pertaining to storage.

## Mystic Lake Blue

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Exposure Guidelines Component:	OSHA PEL	ACGIH TLV	NIOSH REL
Respiratory Protection: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).			
Engineering Controls: Local Exhaust: Ventilation recommended but no TLV established.			
Protective Gloves: Impervious gloves.			
Eye Protection: Chemical dust/splash goggles or full face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.			
Other Protective Clothing or Equipment: Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.			
Work/Hygienic Practices: Keep out 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 9: PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Liquid	Specific Gravity (H <sub>2</sub> O=1):	Not determined
Vapor Pressure (mm Hg):	20	Density:	10.01 lbs./gal
Vapor Density (Air=1):	Not determined	Melting Point/Freezing Point:	Not available
Solubility in Water (wt %):	Soluble	Boiling Point/Range:	Approximately 212°
Viscosity:	Not available	pH:	<7
Appearance and odor:	Dark blue-colored solution.	Flash Point:	Not determined
	Bland odor.	Evaporation Rate:	<1

SECTION 10: STABILITY AND REACTIVITY
Reactivity: None known
Chemical Stability: Stable.
Possibility of Hazardous Reactions: Will not occur.
Conditions to Avoid: None known.
Incompatible Materials: None known.
Hazardous Decomposition Products: Not known.

SECTION 11: TOXICOLOGICAL INFORMATION	
<b>ACUTE TOXICITY</b>	
Eye Effects:	Slight irritant. May cause redness and swelling of the conjunctiva.
Skin Effects:	No adverse effects.
Acute Inhalation Effects:	No significant health hazard under normal use.
Acute Oral Effects:	May be irritating to the gastrointestinal system. Large quantities can cause vomiting and diarrhea.
Specific Target Organ Toxicity:	None known
<b>CHRONIC TOXICITY</b>	
Chronic Effects:	None known
Carcinogenicity:	No component is anticipated to have carcinogenic effects.
Mutagenicity:	No component is anticipated to have mutagenic effects.
Teratogenicity:	No component is anticipated to have teratogenic effects.
Reproductive Toxicity:	No component is anticipated to have effects on the reproductive system.
<b>POTENTIAL HEALTH EFFECTS:</b>	
Eyes:	Slight irritant. May cause redness and swelling of the conjunctiva.
Skin:	No adverse effects.
Inhalation:	No significant health hazard under normal use.
Ingestion:	May be irritating to the gastrointestinal system. Large quantities can cause vomiting and diarrhea.

## Mystic Lake Blue

### SECTION 12: ECOLOGICAL INFORMATION

**ENVIRONMENTAL SUMMARY:** Not determined

**ECOTOXICITY DATA:**

<b>Fish Acute and Prolonged Toxicity:</b>	Not determined
<b>Aquatic Invertebrate Acute Toxicity:</b>	Not determined
<b>Aquatic Plant Toxicity:</b>	Not determined
<b>Bird Acute and Prolonged Toxicity:</b>	Not determined
<b>Honeybee Toxicity:</b>	Not determined

**ENVIRONMENTAL EFFECTS:**

<b>Soil Absorption/Mobility:</b>	Not determined
<b>Persistence and degradability:</b>	Not determined
<b>Bioaccumulative Potential:</b>	Not determined
<b>Other adverse effects:</b>	Not determined

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste:** 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 applicable Federal, state and local laws and regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this SDS. Therefore, consult local waste regulators for proper disposal.

**Container:** Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations.

**RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

### SECTION 14: TRANSPORT INFORMATION

**DOT:** This product is not regulated by the U.S. Department of Transportation as a hazardous material for ground (Ground) shipment.

**Other Shipping Description:** Liquid Ink Material. (NMFC Item 101760 Sub 3, LTL Class 55)

**IMDG:** Not determined  
(Sea)

**IATA:** Not determined  
(Air)

**TDG:** Not determined  
(Canada)

### SECTION 15: REGULATORY INFORMATION

**TSCA Inventory:** All components are listed or are exempt from listing on the TSCA inventory.

**SARA Title III Information:**

Section 302 - Extremely hazardous substances: None listed

Section 311/312 - Hazard Categories: None

Section 313 - The following chemicals are subject to the reporting requirements of Section 313 of Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372: None listed

**CERCLA -** This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): None listed

**California Proposition 65:** This product does not contain any chemicals known to the state of California to cause cancer and/or reproductive harm.

**U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):**

Chemical Name	CAS #	State(s)
Acid Blue 9, disodium salt	3844-45-9	MA RTK -Substance List
Not listed.		NJ Worker and Community RTK Act
Not listed.		PA Worker and Community RTK Law
Not regulated.		RI RTK

**Canadian Domestic Substances List:** Not determined

**WHMIS Classification:** This product is not approved for use in Canada. WHMIS classification is not determined.

SECTION 16: OTHER

**Disclaimer:** The information presented herein is based on available data from reliable sources and is correct to the best of WinField Solutions' knowledge. WinField Solutions, LLC makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

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**Supersedes document dated:** January 2012

**Sections Revised:**