


NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY	
0	Least				
1	Slight	1	Health		
2	Moderate	0	Flammability		
3	High	0	Reactivity		
4	Severe				

Not regulated as a hazardous material for ground transport. (See Section 14 for additional information)

SECTION 1: IDENTIFICATION	
<b>Product Name:</b> Dynamark® UV Red Foam <b>EPA Registration #:</b> Exempt <b>Product ID/Unity #:</b> 60321406 <b>Common Name:</b> Dye/marker <b>Chemical Description:</b> Dye/marker <b>Recommended Uses:</b> Agricultural dye/marker. See product label for complete list of recommended uses. <b>Restrictions for Use:</b> See product label for information regarding restrictions on the use of this product.	<b>MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs)</b>  <b>Non-Emergency Business Inquiries: 1-855-494-6343</b> Mon – Fri 8am – 5pm (Central Standard Time)
<b>Manufactured For:</b> <b>WINFIELD SOLUTIONS, LLC</b> P. O. Box 64589 St. Paul, MN 55164-0589	
<b>FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:</b> <b>CHEMTREC 1-800-424-9300 (24 hours)</b>	

SECTION 2: HAZARDS IDENTIFICATION	
<b>EMERGENCY OVERVIEW:</b> Deep red liquid. Severely irritating to the eyes. Harmful if swallowed.	
<b>POTENTIAL HEALTH EFFECTS:</b> <b>Eyes:</b> Causes serious eye irritation with the potential for irreversible damage to the eyes. <b>Skin:</b> Causes moderate skin irritation. <b>Inhalation:</b> May be harmful if inhaled. <b>Ingestion:</b> May be harmful if swallowed in large quantities. <b>Preexisting Conditions:</b> Pre-existing respiratory conditions may be aggravated by exposure to mists. <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> Eye Irritant Category 1; Skin Irritation Category 2; Acute Oral Toxicity Category 4	
<b>SIGNAL WORD:</b> DANGER	
<b>HAZARD STATEMENTS:</b> Causes serious eye damage. Causes skin irritation. Harmful if swallowed.	
<b>Percent of product with unknown toxicity:</b> 0 – 77.0% (mist)	
<b>PRECAUTIONARY STATEMENTS:</b> <b>Prevention:</b> Wash hands thoroughly after handling. Wear protective gloves as well as eye and face protection. Do not eat, drink or smoke when using this product. <b>Response:</b> <b>If in eyes:</b> Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center (1-877-424-7452) or doctor for treatment advice. <b>If on skin:</b> Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. <b>If Swallowed:</b> Immediately call a poison control center (1-877-424-7452) or doctor for treatment advice. Rinse mouth.	

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**Storage:** See section 7 for storage information.  
**Disposal:** Dispose of contents/container in accordance with Federal, state and local regulations.

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>		
<b>Ingredient</b>	<b>% (wt)</b>	<b>CAS Reg. #</b>
Lactic acid	<50.0%	50-21-5
C.I. Basic Violet 10	<50.0%	81-88-9
*Ingredients not specifically listed are non-hazardous and/or considered to be confidential business information under 29 CFR 1910.1200(j).		
See Section 8 for exposure limits.		

<b>SECTION 4: FIRST AID MEASURES</b>	
<b>Inhalation:</b>	Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention or call a poison control center for treatment advice.
<b>Ingestion:</b>	Seek medical attention or call a poison control center immediately. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>Eyes:</b>	Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention immediately.
<b>Skin:</b>	Remove contaminated clothing and wash before re-using them. Wash exposed skin with soap and water. Seek medical attention if irritation persists.

<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>Suitable Extinguishing Media:</b>	Use water spray or fog, foam, dry chemical, or carbon dioxide (CO2).
<b>Unsuitable Extinguishing Media:</b>	Water jet.
<b>Special Fire Fighting Procedures:</b>	Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind.
<b>Hazardous Combustion Products:</b>	Carbon monoxide, carbon dioxide and nitrogen oxides
<b>Unusual Fire and Explosion Hazards:</b>	None known

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<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 from entering nearby sewers or waterways.
<b>Methods for Containment:</b>	Contain spilled liquid by diking area with sand or earth.
<b>Methods for Clean-up:</b>	Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop or sweep up material and place in a container for disposal. Do not place spilled material back in original container.
<b>Other Information:</b>	No other information available.

<b>SECTION 7: HANDLING AND STORAGE</b>	
<b>Handling:</b>	Ensure adequate ventilation. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.
<b>Storage:</b>	Store in a cool, dry area away from children, feed and food products in an area away from incompatible substances. Protect packaging from physical damage. Protect from exposure to fire.
<b>Minimum Storage Temperature:</b>	Not determined
<b>Other Precautions:</b>	Consult Federal, state and local laws and regulations pertaining to storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Exposure Guidelines Component:	OSHA PEL	ACGIH TLV	NIOSH REL
No components with established guidelines			
<b>Respiratory Protection:</b> Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an OSHA/NIOSH-approved respirator for general particulates.			
<b>Engineering Controls:</b> <b>Local Exhaust:</b> Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.			
<b>Protective Gloves:</b> Wear chemically protective gloves to prevent exposure to the skin. <b>Eye Protection:</b> To avoid contact with eyes, wear chemical goggles or safety glasses and full face shield. Contact lenses are not eye protective devices. An emergency eyewash or water supply should be readily accessible to the work area. <b>Other Protective Clothing or Equipment:</b> Wear long-sleeve shirt, long pants and chemical resistant shoes plus socks to prevent prolonged or repeated skin contact.			
<b>Work/Hygienic Practices:</b> Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
<b>Physical State:</b>	Liquid	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.1 (typical)
<b>Vapor Pressure (mm Hg):</b>	Not determined	<b>Density (lbs/gallon):</b>	9.18 lbs/gal (typical)
<b>Vapor Density (Air=1):</b>	Not determined	<b>Melting Point/Freezing Point:</b>	Not determined
<b>Solubility in Water (wt %):</b>	Not determined	<b>Boiling Point/Range:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>pH (neat):</b>	7.0 – 9.5
<b>Appearance and odor:</b>	Deep red liquid with odor of acetic acid	<b>Flash Point:</b>	>212°F (>100°C)

SECTION 10: STABILITY AND REACTIVITY	
<b>Reactivity:</b> None known.	
<b>Chemical Stability:</b> Product is stable at ambient temperature and pressure, under normal storage and handling.	
<b>Possibility of Hazardous Reactions:</b> None known	
<b>Conditions to Avoid:</b> Contact with incompatible materials.	
<b>Incompatible Materials:</b> Strong oxidizing agents, strong bases, strong reducing agents	
<b>Hazardous Decomposition Products:</b> No hazardous decomposition products if stored and handled as prescribed/indicated.	

SECTION 11: TOXICOLOGICAL INFORMATION	
<b>ACUTE TOXICITY</b>	
<b>Eye Effects:</b>	Risk of serious damage to eye (rabbit, literature data on lactic acid)
<b>Skin Effects:</b>	Skin contact causes irritation. (rabbit, literature data on lactic acid)
<b>Acute Inhalation Effects:</b>	LC50 is not determined
<b>Acute Oral Effects:</b>	LD50 is 2,000 mg/kg (rat) Information on C.I. Basic Violet 10
<b>Specific Target Organ Toxicity:</b>	None known.
<b>CHRONIC TOXICITY</b>	
<b>Chronic Effects:</b>	Not anticipated to have chronic health effects due to exposure.
<b>Carcinogenicity:</b>	None known
<b>Mutagenicity:</b>	None known
<b>Teratogenicity:</b>	None known
<b>Reproductive Toxicity:</b>	None known
<b>POTENTIAL HEALTH EFFECTS:</b>	
<b>Eyes:</b> Causes serious eye irritation with the potential for irreversible damage to the eyes.	
<b>Skin:</b> Causes moderate skin irritation.	
<b>Inhalation:</b> May be harmful if inhaled.	
<b>Ingestion:</b> May be harmful if swallowed in large quantities.	

**SECTION 12: ECOLOGICAL INFORMATION**

<b>ENVIRONMENTAL SUMMARY:</b> Not determined	
<b>ECOTOXICITY DATA:</b>	
<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
<b>ENVIRONMENTAL EFFECTS:</b>	
<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>	None known

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste:** Dispose of in accordance with applicable Federal, state and local laws and regulations.  
**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**

<b>DOT:</b> <b>(Ground)</b>	Not regulated by the U.S. Department of Transportation as a hazardous material.
<b>IMDG:</b> <b>(Sea)</b>	Not determined
<b>IATA:</b> <b>(Air)</b>	Not determined
<b>TDG:</b> <b>(Canada)</b>	Not determined

**SECTION 15: REGULATORY INFORMATION**

<b>TSCA Inventory:</b> All components are listed on the TSCA inventory or are exempt from listing.		
<b>SARA Title III Information:</b>		
<b>Section 302 - Extremely hazardous substances:</b> None listed		
<b>Section 311/312 – Hazard Categories:</b> Immediate (Acute)		
<b>Section 313 –</b> 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: C.I. Basic Violet 10 (CAS # 81-88-9) <50.0%		
<b>CERCLA -</b> This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): None listed		
<b>U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):</b>		
<b>Chemical Name</b>	<b>CAS #</b>	<b>State(s)</b>
C.I. Basic Violet 10	81-88-9	MA, NJ, PA
Lactic acid	50-21-5	PA, NJ
<b>Canadian Domestic Substances List:</b> Not determined		
<b>WHMIS Classification:</b> 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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