

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 by the U.S. DOT as a hazardous material. See Section 14 for additional information.

SECTION 1: IDENTIFICATION

Product Name: Dynamark® UV Blue

EPA Registration #: Exempt

Product ID/Unity #: 60323615, 60323709
Common Name: Blue agricultural spray marker

Chemical Description: N/A

Recommended Uses: Agricultural Coloring Component – See product label for full directions for use.

Restrictions for Use: See product label for any potential use restrictions.

Manufactured For: MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs)

WINFIELD SOLUTIONS, LLC

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:

CHEMTREC 1-800-424-9300 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Dark blue odorless liquid. 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.

POTENTIAL HEALTH EFFECTS:

Eyes: May cause mild but reversible eye irritation. **Skin:** May cause mild but reversible skin irritation.

Inhalation: May cause minor irritation of the upper respiratory tract. **Ingestion:** May cause minor irritation of the digestive tract.

Preexisting Conditions: None known Chronic Health Effects: None known

Carcinogenicity NTP: Not listed IARC: Not listed OSHA: Not listed

OSHA HCS 2012 CLASSIFICATION: This product does not meet the definition of a hazardous substance under OSHA's Hazard

Communication Standard.

SIGNAL WORD: CAUTION HAZARD STATEMENTS:

None required.

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Percent of product with unknown toxicity: 64%

PRECAUTIONARY STATEMENTS:

Prevention: See Section 8 for personal protective equipment.

Response: See Section 4 for first aid information.

Storage: See Section 7 for storage information.

Disposal See Section 13 for disposal information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS				
Ingredient	% (wt)	CAS Reg. #		
Proprietary ingredients	100.0%	*		
*Ingredients not specifically listed are non-hazardous and/or are considered to be confidential business information under 29 CFR 1910.1200(i).				
See Section 8 for exposure limits.				

	SECTION 4: FIRST AID MEASURES		
Inhalation:	Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attentio if irritation occurs.		
Ingestion:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to		
Eyes:	an unconsciousperson. 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 if eye irritation persists.		
Skin:	Remove contaminated clothing and wash before re-using. Flush skin with water and then wash with soap and water. Seek medical attention if skin irritation persists.		

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray or fog, dry chemical, carbon dioxide (CO2), foam **Unsuitable Extinguishing Media:** Water jet. Use a water jet only to cool heated containers.

Special Fire Fighting Procedures: 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.

Hazardous Combustion Products: Carbon oxides, nitrogen oxides, and sulfur oxides may be formed in a fire situation. **Unusual Fire and Explosion Hazards:** None known

Further information: Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.

Environmental Precautions: Keep spilled product from entering sewers or waterways.

fire debris and contaminated extinguishing water in accordance with official regulations.

Methods and material for containment and cleaning up:

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

SECTION 7: HANDLING AND STORAGE

Handling: No special measures necessary if stored and handled correctly. Ensure adequate ventilation during handling and use. 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. Hands and/or face should be washed before breaks and at the end of the shift.

Storage: Store in cool, dry areas away from children, food and feed products in an area away from incompatible substances. Protect packaging from physical damage. Protect from exposure to fire.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Protect from temperatures below: 5 °C

Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

Other Precautions: Consult Federal, state and local laws and regulations pertaining to storage.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION					
Exposure Guidelines Component:	OSHA PEL	ACGIH TLV	NIOSH REL		
No components listed					

Respiratory Protection: For most well-ventilated conditions, no respiratory protection should be needed. If used in a poorly ventilated area, use a NIOSH approved air-purifying respirator with cartridges/canisters approved for general particulates.

Engineering Controls:

Local Exhaust: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is

preferred.

Protective Gloves: While not expected to cause skin irritation, the use of chemically protective gloves is recommended to prevent against skin contact.

Eye Protection: While not expected to cause eye irritation, the use of chemical safety goggles is recommended to prevent against eye contact. Contact lenses are not protective eye devices.

Other Protective Clothing or Equipment: Wear long-sleeve shirt, long pants and shoes plus socks to prevent skin contact.

Work/Hygienic Practices: 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. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Specific Gravity (H₂O=1): 1.1

Vapor Pressure (mm Hg): approx.. 23.4 hPa (solvent) Density (lbs/gallon): 9.18 lbs/gallon **Melting Point/Freezing Point:** Vapor Density (Air=1): Not applicable 32°F (solvent) Solubility in Water (wt %): Soluble Boiling Point/Range: 212°F (solvent) Viscosity (centistokes): Not determined pH: 7.0 - 9.0

Appearance and odor: Dark blue odorless liquid Flash Point: >212°F (100°C)

Partitioning coefficient n-octanol/water (log Pow): The statements are based on the properties of the individual components.

Partitioning coefficient n-octanol/water (log Pow): Information on: glutaral

Partitioning coefficient n-octanol/water (log Pow): -0.36 (23 °C) (Directive 92/69/EEC, A.8)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known

Chemical Stability: Product is stable at ambient temperature and pressure, under normal storage and handling conditions.

Possibility of Hazardous Reactions: Will not occur Conditions to Avoid: Extreme temperatures

Incompatible Materials: Strong acids, strong bases, strong oxidizing agents

Hazardous Decomposition Products: None known

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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Eye Effects: May cause mild but temporary eye irritation.

Skin Effects: May cause mild but temporary skin irritation. LD50 >5,000 mg/kg

Acute Inhalation Effects: LC50 >20.0 mg/L (vapor); LC50 >5.0 mg/L (mist)

Acute Oral Effects: LD50 >5,000 mg/kg
Specific Target Organ None known

Toxicity:

CHRONIC TOXICITY

Chronic Effects:
Carcinogenicity:
Mutagenicity:
None known
Teratogenicity:
None known
None known
None known
None known
None known

POTENTIAL HEALTH EFFECTS:

Eyes: May cause mild but reversible eye irritation. **Skin:** May cause mild but reversible skin irritation.

Inhalation: May cause minor irritation of the upper respiratory tract. **Ingestion:** May cause minor irritation of the digestive tract.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL SUMMARY: This product is anticipated to be harmful to aquatic life with long lasting effects.

ECOTOXICITY DATA:

Fish Acute and Prolonged Toxicity:

Aquatic Invertebrate Acute Toxicity:

Aquatic Plant Toxicity:

Bird Acute and Prolonged Toxicity

Honeybee Toxicity:

Not determined

Not determined

Not determined

ENVIRONMENTAL EFFECTS:

Soil Absorption/Mobility:Not determinedPersistence and degradability:Not determinedBioaccumulative Potential:Not determinedOther adverse effects:Not determined

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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		
DOT: (Ground)	This product is not regulated by the U.S. Department of Transportation as a hazardous material for ground shipment.	
IMDG: (Sea)	This product is not regulated by the IMDG as a hazardous material for shipment by water.	
IATA: (Air)	This product is not regulated by the IATA as a hazardous material for shipment by air.	
TDG: (Canada)	Not determined	

SECTION 15: REGULATORY INFORMATION

TSCA Inventory: All components are listed or 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):

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

None listed

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.

Revision Date: June 15, 2021 Supersedes document dated: August 7, 2018

Sections Revised: 5, 6, 7, 9, 12, 15

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