

MATERIAL SAFETY DATA SHEET

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Section 1. Chemical Product and Company Identification

Product Code DWPS05-45"1	
Product Name DW WATER BASE DIAMOND SLURRY SUSPENSION & PUMP SPRAY	
Manufacturer's Name Mark V Laboratory, Inc.	Emergency Telephone Number CHEMTREC 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 18 Kripes Road	Telephone Number For Information (860) 653-7201
Post Office Box 540	Date Prepared January 1, 2012
East Granby, Connecticut 06026	Signature of Preparer (optional)

Section 2. Composition / Information on Ingredients

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Diamond Powder*	7782-40-3		N/A	N/A
Deionized Water	7732-18-5		N/A	N/A

*Non hazardous as defined by the DOT, nor is it a dangerous good as defined by ICAO for air transportation

Section 3. Hazards Identification

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EMERGENCY OVERVIEW

Not listed as a carcinogen by IARC, NTP, or OSHA. May cause slight irritation to skin and eyes.

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POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Slightly irritating, high concentrations can cause conjunctivitis.

INHALATION: Spray mist or dry dust may cause congestion, coughing, granuloma in lungs.

SKIN CONTACT: Non-irritating to rabbit skin and non-sensitizing to guinea pig skin. Very low toxicity by absorption.

INGESTION: **Very** low toxicity.

Product: Diamond Suspension, Pump Spray, Water Base

Section 4. First Aid Measures

INHALATION: Remove to fresh air. Seek medical attention.

EYE CONTACT: Rinse immediately with water for 15 minutes. Seek medical advice.

SKIN CONTACT: Wash with waterless hand cleaner and/or soap and water. Seek medical advice if irritation persists.

INGESTION: Give one to two glasses of water or milk. Seek immediate medical attention.

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE LIMITS

Flammability Classification: Non Flammable

LFL: N/A

UFL: N/A

Auto Ignition: N/A

Rate of Burning: N/A

General Fire Hazards: Product is non-combustible.

Hazardous Combustion Products: In dry dust form, this material is a powerful oxidizer at very high temperatures and can react with combustible organic or readily oxidizable materials.

EXTINGUISHING MEDIA: Dry chemical, foam, CO₂, water fog.

FIRE FIGHTING INSTRUCTIONS: Use self-contained breathing apparatus.

Section 6. Accidental Release Measures

Containment Procedures: Stop the flow of material, if this is without risk.

Clean-Up Procedures: Wear appropriate protective equipment/clothing. Absorb spill with inert material. Shovel material into appropriate container for disposal.

Evacuation Procedures: Isolate area. Keep unnecessary personnel away.

Special Procedures: No information available for this product.

Section 7. Handling and Storage

Handling Procedures: Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.

Technical Measures: Work practice should minimize contact.

Technical Precautions: Local exhaust is recommended

Storage Procedures: Store in tightly closed original container, well-ventilated place away from incompatible materials. Keep from freezing.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.

Personal Protective Equipment (PPE):

Eyes/Face: Wear safety glasses, chemical goggles or a full-face shield.

Skin: Use impervious gloves. Use of impervious apron and boots are recommended.

RESPIRATORY: If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors use NIOSH/MSHA approved respirator.

Product: Diamond Suspension, Pump Spray, Water Base

Section 9. Physical and chemical Properties

APPEARANCE:	Color coded	PHYSICAL STATE:	Liquid
BOILING POINT:	100c, 212f	SOLUBILITYINWATER:	Dispersible
MELTING POINT:	0c, 32f	VISCOSITY:	Medium
ODOR:	None	FLASH POINT:	N/A
pH:	6-8		

Section 10. Stability and Reactivity

CHEMICAL STABILITY: This is a stable material.

INCOMPATIBILITY: None specific.

HAZARDOUS DECOMPOSITION PRODUCTS: None specific.

CONDITIONS TO AVOID: None specific.

Section 11. Toxicological Information

EYE CONTACT: May cause temporary eye irritation.

SKIN CONTACT: Prolonged contact may cause redness and irritation.

INGESTION: No harmful effects expected in amounts likely to be ingested by accident.

INHALATION: Not relevant at normal temperatures.

Section 12. Ecological Information

ECOTOXICITY: The product is not expected to be hazardous to the environment.

MOBILITY: The product is water-soluble and may spread in water systems.

DEGRADABILITY: The degradability of the product has not been stated.

Section 13. Disposal Considerations

US EPA Waste Number and Descriptions:

General Product Information: Wastes must be tested using methods described in 40CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

Component Waste Numbers: No EPA Waste numbers are applicable for this products Components.

Disposal Instructions:

Waste Material: Dispose of waste material in accordance with federal, state, and/or Local regulations.

Contaminated Packaging: Dispose of contaminated packaging as residue.

Product: Diamond Suspension, Pump Spray, Water Base,

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: N/A
 TECHNICAL SHIPPING NAME: N/A
 D.O.T. HAZARD CLASS: N/A
 U.N. / N.A. NUMBER: N/A
 PRODUCT RQ (LBS): N/A
 D.O.T. LABEL: N/A
 D.O.T. PLACARD: N/A
 FREIGHT CLASS BULK: N/A
 FREIGHT CLASS PACKAGE: N/A
 PRODUCT LABEL: DWS025 - 30, DPW025 -30, DWP025 - 30

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS: Yes

TSCA STATUS: None

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: No

SECTION 311/312 HAZARDOUS CATEGORIES: No

SECTION 313 TOXIC CHEMICALS: No

RCRA STATUS: No

CALIFORNIA PROPOSITION 65: No

Section 16. Other Information

HMIS RATING:	HEALTH	1	NATIONAL FIRE PROTECTION ASSOCIATION	HEALTH	1
	FLAMMABILITY	0		FIRE HAZARD	0
	PHYSICAL	0		INSTABILITY	0
	HAZARD			SPECIFIC	
	PERSONAL	1		HAZARD	
	PROTECTION				

HMIS rating based upon recommended in-use dilutions. NFPA rating based upon the undiluted product concentrate

MSDS STATUS:

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