

# 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 March 24, 2008
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	N/A	<5	N/A	N/A
Trade Secret Ingredients	N/A	<40	N/A	N/A
Deionized Water	7732-15-5	>55	N/A	N/A

## Section 3. Hazards Identification

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### EMERGENCY OVERVIEW

Not listed as a carcinogen by IARC, NTP, or OSHA.

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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

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**Section 4. First Aid Measures**

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**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.

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**Section 5. Fire Fighting Measures**

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**FLAMMABLE PROPERTIES:**

FLASH POINT: N/A

METHOD USED:

**FLAMMABLE LIMITS**

LFL: N/A

UFL: N/A

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

**FIRE & EXPLOSION HAZARDS:** Product is non-combustible.

**FIRE FIGHTING INSTRUCTIONS:** Use self-contained breathing apparatus.

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**Section 6. Accidental Release Measures**

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Stop flow. Absorb with appropriate inert material. Place in appropriate container for disposal.

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**Section 7. Handling and Storage**

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Keep containers tightly closed, in a cool well-ventilated space. Observe good industrial Hygiene practices. Keep from freezing.

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**Section 8. Exposure Controls / Personal Protection**

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**ENGINEERING CONTROLS:** Local exhaust is recommended

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved respirator where ventilation is not adequate.

**SKIN PROTECTION:** Use impervious gloves, apron and boots.

**EYE PROTECTION:** Safety glasses, goggles, or face shield recommended.

Product: Diamond Suspension

**Section 9. Physical and chemical Properties**

<b>APPEARANCE:</b>	Color coded	<b>PHYSICAL STATE:</b>	Liquid
<b>BOILING POINT:</b>	100c, 212f	<b>SOLUBILITYINWATER:</b>	Dispersible
<b>EVAPORATION RATE:</b>		<b>SPECIFIC GRAVITY:</b>	
<b>FREEZING POINT:</b>		<b>VAPOR DENSITY:</b>	
<b>MELTING POINT:</b>	0c, 32f	<b>VAPOR PRESSURE:</b>	
<b>MOLECULAR WEIGHT:</b>		<b>VISCOSITY:</b>	Medium
<b>ODOR:</b>	None	<b>% VOLATILE:</b>	
<b>pH:</b>	6-8		

**Section 10. Stability and Reactivity****CHEMICAL STABILITY:** This is a stable material.**INCOMPATIBILITY:** None specific.**HAZARDOUS DECOMPOSITION PRODUCTS:** None specific.**HAZARDOUS POLYMERIZATION:** Will not occur.**Section 11. Toxicological Information****EYE:** May cause temporary eye irritation.**SKIN:** 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****ECOTOXICOLOGICAL INFORMATION:** 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 established.**Section 13. Disposal Considerations**

Dispose of waste materials in accordance with Federal, State, and Local Regulations.

Product: Diamond Suspension

**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

**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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