

MATERIAL SAFETY DATA SHEET

Effective Date October 22, 2004
MSDS Number M25

Section 1 – Product and Company Information

Product Name: Drimop

Product Use: Absorbent

Grades: Drimop

Synonyms: Superabsorbent

Company: MULTISORB Technologies

Street Address: Stafford Park 6

City, State, Zip, Country: TF3 3AT Telford Shropshire, England - UK

Telephone Number: +44 (0) 1952.236.300

Fax Number:

Website / E-Mail : sales@multisorb.co.uk

Section 2 – Composition / Information on Ingredients

Component Name	CAS Number	% by Weight
Polyacrylate polymer	9003-4-7	90 - 95
Cellulose	9004-36-4	5 - 10

While this product is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

Section 3 – Hazard Identification

Emergency Overview: A white packet containing a coarse white powder with no odor that poses little or no immediate hazard.

Potential Health Effects:

Eyes: Dust and product may cause eye discomfort and irritation seen as tearing and reddening.

Skin: Moderate irritation of the skin.

Ingestion: Ingestion is unlikely. May cause blockage.

Inhalation: Slight irritation is possible but none is expected.

Medical Effects Generally Aggravated by Exposure: Respiratory ailments

Chronic Effects/Carcinogenicity: None

Section 4 – First Aid Measures

Eyes: Rinse the eyes well with water while lifting the eye lids. If irritation persists, consult a physician.

Skin: Wash affected area with soap and water.

Ingestion: Ingestion is unlikely. Blockage may occur. Seek medical attention if necessary.

Inhalation: Remove the affected person to fresh air.

Notes to Physician: The polyacrylate polymer will absorb liquids and form a gel.

Section 5 – Fire Fighting Measures

Flammable Properties: Not flammable

Flash Point: Not applicable

Method: Not applicable

Flammable Limits: Not flammable

Lower Flammability Limit: Not applicable

Upper Flammability Limit: Not applicable

Autoignition Temperature: Not applicable

Hazardous Combustion Products: Carbon monoxide, carbon dioxide

Extinguishing Media: Use extinguishing media that is appropriate for the surrounding fire. This product is combustible.

Fire Fighting Instructions: This product can become slippery when wetted, producing a falling hazard.

Unusual Fire and Explosion Hazards: None

Section 6 – Accidental Release Measures

Spill: Sweep or vacuum up and place the spilled material in a waste disposal container. Avoid raising dust. Wash with soap and water after handling.

Section 7 – Handling and Storage

Handling: Avoid raising dust and minimize the contact between worker and the material. Practice good hygienic work practices.

Storage: Store in a cool, dry location. Keep in sealed containers away from moisture.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Not required.

Respiratory Protection: Not required.

Skin Protection: Not required.

Eye Protection: Not required.

Component Name	Exposure Limits		
	OSHA PEL	ACGIH TLV	Other Recommended Limits
Polyacrylate polymer	Not applicable	Not applicable	Not applicable
Cellulose	TWA 15 mg / m ³ (total dust) TWA 5 mg / m ³ (respirable dust)	TWA 10 mg / m ³	NIOSH REL TWA 10 mg / m ³ (total dust) TWA 5 mg / m ³ (respirable dust)

Section 9 – Physical and Chemical Properties

Appearance: White packet containing a coarse white powder

Vapor Density: Not applicable

Odor: None

Boiling Point: Not applicable

Physical State: White packets

Melting Point: Not applicable

PH: Not applicable

Solubility: Insoluble in water

Vapor Pressure: Not applicable

Specific Gravity: .5 – .85

Section 10 – Stability and Reactivity

Stability: Stable

Conditions to avoid: No special precautions required.

Incompatibility: None

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, hydrocarbons

Hazardous Polymerization: Will not occur

Section 11 – Toxicological Information

This product and its components are not listed on the IARC, NTP or OSHA Carcinogen lists.

Animal Toxicology There is no toxicological data for this product. The polyacrylate is considered not toxic, LD₅₀ oral/rat > 2000 mg/kg, LD₅₀ dermal/rabbit > 2000 mg/kg.

Human Toxicology Not irritating to humans (48 hours occluded). No skin allergies observed following repeated exposure in controlled skin contact studies. Moderate eye irritation due to the effects that all powders have on the conjunctivae.

Section 12 – Ecological Information

Fish: Trout 96 hour EC₅₀ > 700mg / l practically non toxic.

Algae: Scebedesmus EC₁₀ 180 mg / l practically non toxic.

Daphne: 48 hour EC₅₀ > 1000 mg / l practically non toxic.

Section 13 – Disposal Information

Disposal Information If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Materials of a hazardous nature that contact the product during normal use may be retained on the product. The user of the product must identify the hazards associated with the retained material in order to assess the waste disposal options. Dispose according to federal, state and local regulations.

Section 14 – Transportation Information

U.S. Department of Transportation Shipping Name: Not classified as a hazardous material. Not regulated.

Section 15 – Regulatory Information (Not meant to be all inclusive - selected regulations represented)

TSCA Listed: Yes (Ingredients)

CERCLA None of the components of this product are listed.

EPCRA None of the components of this product are listed.

Pennsylvania Right-to-know Cellulose pulp

Massachusetts Right-to-know Cellulose pulp

Minnesota Right-to-know Cellulose pulp

Section 16 – Other Information

HMIS – Hazardous Materials Identification System

HMIS Rating	
Health	0
Flammability	0
Reactivity	0

0 - minimal hazard, 1 - slight hazard, 2 - moderate hazard, 3 - serious hazard, 4 - severe hazard

This data and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be correct but does not purport to be all inclusive and shall be used only as a guide. However, the customer should determine the suitability of such materials for his purpose before adopting them on a commercial scale. Since the use of our products is beyond our control, no guarantee, expressed or implied, is made and no responsibility assumed for the use of this material or the results to be obtained therefrom. Information on this form is furnished for the purpose of compliance with Government Health and Safety Regulations and shall not be used for any other purposes. Moreover, the recommendations contained in this data sheet are not to be construed as a license to operate under, or a recommendation to infringe, any existing patents, nor should they be confused with state, municipal or insurance requirements, or with national safety codes.