



Member:



**MSDS
MATERIAL SAFETY DATA SHEET**

Preparation Date: August 1994

PRODUCT IDENTIFICATION	TRADEMARK	SOIL MOIST DISKS	Water retention aid with fertilizer
	CAS#	71042-87-0, 110-26-9, 6484-52-2, 7778-80-5, 7783-28-0, 7789-75-5, 1306-06-5, 10034-99-8	
	SYNONYMS	None	
	CHEMICAL FAMILY	Crosslinked modified acrylic polymer with fertilizer	
	MOLECULAR FORMULA	Polymer	
	MOLECULAR WGT.	Polymer	
WARNING	SPILLS ARE SLIPPERY WHEN WET		
INGREDIENTS	SOIL MOIST DISKS contain polymer and fertilizer. No permissible exposure limits have been established.		
HEALTH	SOIL MOIST is a chemically neutral material. After use, in horticulture work, normal hygienic practice should be followed.		
FIRE AND EXPLOSION	FLASH POINT	Not Applicable	
HAZARD INFORMATION	FLAMMABLE LIMITS	Not Applicable	
	FIRE FIGHTING	Use water, carbon dioxide or dry chemicals to extinguish fires. Wear self-contained, positive pressure breathing apparatus and full fire fighting protective clothing. Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.	
REACTIVITY DATA	STABILITY	Stable	
	CONDITIONS TO AVOID	None Known	
	POLYMERIZATION	Will Not Occur	
	CONDITIONS TO AVOID	None Known	
	INCOMPATIBLE MATERIALS	Strong oxidizing agents	
	HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition or combustion may produce carbon monoxide and/or oxides of nitrogen	
PHYSICAL PROPERTIES	APPEARANCE AND ODOR	Brown fertilizer with clear polymer coating in a round disk form, no odor	
	BOILING POINT	Not Applicable	
	MELTING POINT	Not Applicable	
	VAPOR PRESSURE	Not Applicable	
	SPECIFIC GRAVITY	Not Applicable	
	VAPOR DENSITY	Not Applicable	
	% VOLATILES	Approx. 4-10 % (H ₂ O)	
	pH	Not Applicable	
	SOLUBILITY IN WATER	Swells (does not dissolve). pH of aqueous system approx. 6.4 - 7.0	
SPILL PROCEDURES	Spilled material is slippery when wet. Remove sources of ignition. Sweep up spills and place in a waste disposal container. Disposal must be made in accordance with applicable governmental regulations.		
SPECIAL PRECAUTIONS	Maintain good housekeeping. DO NOT ALLOW MATERIAL TO ENTER DRAINS.		

NOTE: This information is given without any warranty or representation. We do not assume any legal responsibility for same. It is offered solely for your consideration, investigation and verification. Before using any product read its label.

JRM Chemical, Inc.**MSDS
MATERIAL SAFETY DATA SHEET**MSDS 521
Date: 5/22/98**IDENTIFICATION**

Product Name	FINES
Chemical Family	Crosslinked polyacrylamide
Emergency Telephone	216-475-8488
Company	JRM Chemical, Inc. 15663 NEO Parkway Cleveland, OH 44128 Telephone: 216-475-8488 Fax: 216-475-6517

HAZARDOUS INGREDIENTS

Non hazardous under OSHA 29CFR 1910.1200	
HMIS Rating	1 0 1 B

FIRST AID

Skin Contact	Wash with warm soapy water.
Eye Contact	Immediately flush with water. If irritation continues, consult a physician
Inhalation	Do not breath dust, move to open air with fresh air.
Ingestion	Do not give any medication unless specified by a physician.

FIRE FIGHTING MEASURES

Flash Point	N/A
LEL	N/A
EUL	N/A
Extinguishing Media	Use water, carbon dioxide, foam.
Special precautions	Material is slippery when wet.
Special Protective Equipment	None required

ACCIDENTAL RELEASE

Spilled material is very slippery when wet. Sweep up spills and place in an airtight container for disposal. Flush area thoroughly with water, scrub and remove any residue.

**HANDLING AND
STORAGE**

Storage	Store in a cool, dry location
Handling	Practice good industrial hygiene. Immediately clean up any spills To avoid dust, maintain good housekeeping. Do not smoke when using

PERSONAL PROTECTION

Respiratory Protection	Use NIOSH approved respirator if dust accumulation is more than 15 mg/m ³ .
Protective Gloves	Recommended if prolonged use of product.
Eye Protection	Goggles
Skin/Body Protection	No special suits required.
Other	Wash affected areas after use.

PHYSICAL/CHEMICAL PROPERTIES

Appearance and color	White powder
Odor	None
pH	N/A
Melting Point	N/A
Flash Point	N/A
Vapor Density	N/A
Autoignition	N/A

STABILITY

Stability	Stable
Polymerization	Will not occur
Conditions to avoid	N/A
Incompatible Material	Strong oxidizing agents

TOXICOLOGICAL

Accute Toxicity	
Inhalation	Non toxic by inhalation
Dermal	Non toxic
Oral	LD50 Accute oral on rats > 5.0 gm.Kg.

IRRITATION

Eyes	Non irritating
Skin	Non irritating
Product does not contain any OSHA hazardous components.	

ECOLOGICAL

Considered non toxic to aquatic environment.

DISPOSAL

Dispose in accordance with city, state and federal regulations.

TRANSPORTATION

Not regulated by Department of Transportation.

REGULATORY

Components are on TSCA and Canada DSL.
Considered non hazardous under 29 CFR 1910.1200.

Hazardous Waste Number	N/A
RCRA Status	Not a hazardous waste

Reportable Quantity (40CFR 302)	N/A
Threshold planning Quantity (40CFR 335)	N/A

OTHER

NFPA	
Fire	1
Health	0
Reactivity	1

CONTACT PERSON: Safety Manager

This information is given without any warranty or representation. We do not assume any legal responsibility for same. It is offered solely for your consideration, investigation and verification. Before using any product, read its label.

JRM Chemical, Inc.
15663 NEO Parkway
Cleveland, Ohio 44128-3150
216-475-8488
Fax: 216-475-6517