



# MATERIAL SAFETY DATA SHEET

Issuing Date 9/22/2010

Revision date 2/28/2014

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** SOIL FLOCCULATING REAGENT ACRYLAMIDE HOMOPOLYMER IN H2O

**Product Code(s)** 5643

**Synonyms** none

**Recommended Use** Laboratory chemicals. Industrial (not for food or food contact use). Test kit reagent.

**Company** LaMotte Company, Inc.  
802 Washington Avenue  
P.O. Box 329  
Chestertown, MD 21620  
USA

**Emergency telephone number** 24 Hour Emergency Number (CHEM-TEL):USA, Canada, Puerto Rico 1-800-255-3924  
Outside North American Continent (Call collect) 813-248-0585

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Keep out of the reach of children

**Appearance** Clear, colorless

**Physical state** liquid

**Odor** odorless

### Potential health effects

**Principle Routes of Exposure** Ingestion.

### **Acute toxicity**

**Eyes**

No known effect based on information supplied.

**Skin**

No known effect based on information supplied.

**Inhalation**

Not an expected route of exposure.

**Ingestion**

No known effect based on information supplied.

### **Chronic effects**

No known effect.

**Aggravated Medical Conditions** No information available.

**Environmental hazard** No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight %
Polyacrylamide (Superfloc N-300 Flocculant)	000	<0.1
Water	7732-18-5	to 100%

## 4. FIRST AID MEASURES

**General advice** Do not get in eyes, on skin, or on clothing.

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If irritation persists or develops, contact a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. If irritation develops or persists, consult physician.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen.
<b>Ingestion</b>	Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.
<b>Notes to Physician</b>	See MSDS (material safety data sheet) for additional information. Treat symptomatically.
<b>Protection of First-aiders</b>	Use personal protective equipment. See Section 8 for more detail.

## 5. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not a fire hazard.
<b>Suitable extinguishing media</b>	Water spray, dry chemical, carbon dioxide (CO <sub>2</sub> ), or foam.

<b>NFPA</b>	<b>Health hazard</b> 0	<b>flammability</b> 0	<b>Stability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health hazard</b> 0	<b>flammability</b> 0	<b>Stability</b> 0	

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Do not get in eyes, on skin, or on clothing.
<b>Methods for containment</b>	Soak up with inert absorbent material, containerize, and hold for disposal.
<b>Methods for cleaning up</b>	After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Do not eat, drink, or smoke when using this product. Prevent contact with skin, eyes, and clothing.
<b>Storage</b>	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep from freezing. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Polyacrylamide (Superfloc N-300 Flocculant) 000	None known	None known	None known
Water 7732-18-5	None known	None known	None known

### Personal protective equipment

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, colorless	<b>Odor</b>	odorless
<b>Physical state</b>	liquid	<b>pH</b>	6.0 - 7.0
<b>Boiling Point/Range</b>		<b>&gt; 100 °C</b>	

**Vapor pressure** Essentially the same as water    **Vapor density** Essentially the same as water

## 10. STABILITY AND REACTIVITY

**Stability** Stable.

**Incompatible Products** No materials to be especially mentioned.

**Conditions to avoid** Do not freeze.

**Hazardous decomposition products** None known based on information supplied.

**Hazardous polymerization** Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known	None known
Water	90 mL/kg ( Rat )	None known	None known

### Chronic toxicity

**Chronic toxicity** No known effect.

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known	None known	None known
Water	None known	None known	None known	None known

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine disrupting potential
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known	None known
Water	None known	None known	None known

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known	None known	None known
Water	None known	None known	None known	None known
Chemical name	Log Pow			
Polyacrylamide (Superfloc N-300 Flocculant)	None known			
Water	None known			

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** Dispose of in accordance with local regulations. Can be disposed as waste water, when in compliance with local regulations.

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Polyacrylamide (Superfloc N-300 Flocculant) - 000	None known	None known	None known	None known
Water - 7732-18-5	None known	None known	None known	None known

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Polyacrylamide (Superfloc N-300 Flocculant) 000 ( <0.1 )	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5 ( to 100% )	Present	X	X	ENCS	X	KE-35400	X	X

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Polyacrylamide (Superfloc N-300 Flocculant)	000	<0.1	None known
Water	7732-18-5	to 100%	None known

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**Clean Water Act**

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Polyacrylamide (Superfloc N-300 Flocculant) 000 ( <0.1 )	None known	None known	None known	None known
Water 7732-18-5 ( to 100% )	None known	None known	None known	None known

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Chemical name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
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Polyacrylamide (Superfloc N-300 Flocculant)	000	<0.1	None known	None known	None known	None known
Water	7732-18-5	to 100%	None known	None known	None known	None known

**CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known
Water	None known	None known

**U.S. State Regulations**

Chemical name	CAS-No	California Prop. 65
Polyacrylamide (Superfloc N-300 Flocculant)	000	None known
Water	7732-18-5	None known

**U.S. State Right-to-Know Regulations**

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known	None known	None known	None known
Water	None known	None known	None known	None known	None known

**International Regulations**

**Mexico - Grade**

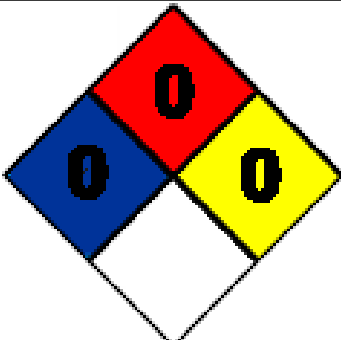
Chemical name	Carcinogen Status	Exposure Limits
Polyacrylamide (Superfloc N-300 Flocculant)	None known	None known
Water	None known	None known

**CANADA**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Component	WHMIS Hazard Class
Polyacrylamide (Superfloc N-300 Flocculant) 000 ( <0.1 )	Not Determined
Water 7732-18-5 ( to 100% )	Uncontrolled product according to WHMIS classification criteria

**16. OTHER INFORMATION**

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>0</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Prepared by  
Issuing Date  
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Regulatory Affairs Department  
9/22/2010  
28-Feb-2014

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**Revision note**

MSDS was reviewed per Canada request - Canada requires MSDS to be dated within 3 years of the request.

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**