



Issuing Date 9/22/2010

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Soil Flocculating Reagent
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 solution

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.

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

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not a fire hazard.
Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam.

Explosion Data

NFPA	Health Hazard 0	Flammability 0	Stability 0	Physical and Chemical Hazards -
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Do not get in eyes, on skin, or on clothing.
Methods for Containment	Soak up with inert absorbent material, containerize, and hold for disposal.
Methods for Cleaning Up	After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling	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.
Storage	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

Appearance	Clear, colorless solution	Odor	Odorless
Physical State	Liquid	pH	6.0 - 7.0
Boiling Point/Range	100 °C		

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 Disruptor Information
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
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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
Polyacrylamide (Superfloc N-300 Flocculant) - 000
Water - 7732-18-5

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
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	Extremely Hazardous Substances RQs
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

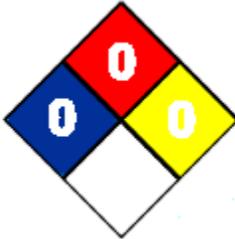
Canada

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.

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"><tr><td data-bbox="508 233 716 279">Health Hazard</td><td data-bbox="724 233 792 279">0</td></tr><tr><td data-bbox="508 289 716 336">Fire Hazard</td><td data-bbox="724 289 792 336">0</td></tr><tr><td data-bbox="508 346 716 392">Reactivity</td><td data-bbox="724 346 792 392">0</td></tr></table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		Not regulated
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Prepared By Regulatory Affairs Department

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Revision Date

Revision Note Initial Release.

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