

MEGAFLOC 4224 GR**1 PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: MEGAFLOC 4224 GR
Common Name: Mixture
SDS Number: 0287
Product Code: WT0097
Revision Date: 2/10/2015
Version: 1
Internal ID: 010B
Product Use: Water Treatment
Supplier Details: U. S. Water Services
12270 43rd St. NE
St. Michael, MN 55376

Contact: Non-emergency #: 866-663-7632
Email: SDS@uswaterservices.com
Web: www.uswaterservices.com

EMERGENCY RESPONSE: (ChemTel)
US & Canada: 800-255-3924
International: +01-813-248-0585

2 HAZARDS IDENTIFICATION**Classification of the substance or mixture**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
no GHS classifications indicated

GHS Label elements, including precautionary statements

GHS Signal Word: **NONE**

no GHS pictograms indicated for this product

GHS Hazard Statements:

no GHS hazards statements indicated

GHS Precautionary Statements:

P281 - Use personal protective equipment as required.
P404 - Store in a closed container.
P501 - Dispose of contents/container to an appropriate waste facility.

Hazards not otherwise classified (HNOC) or not covered by GHS

PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this product (29 CFR 1910.132)

MEGAFLOC 4224 GR**3 COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients:**

This product does not contain any components that are considered hazardous under OSHA regulations (29 CFR 1200)

4 FIRST AID MEASURES

Inhalation: Remove from contamination. If symptoms persist, seek medical attention.

Skin Contact: Wash off with soap and plenty of water. Consult a physician if irritation develops.

Eye Contact: Flush eyes with plenty of running water for 15 minutes. Seek medical attention if irritation persists.

Ingestion: This product is not considered toxic based on studies on laboratory animals.

Most important symptoms & effects (acute & delayed): No data available

Indication of need for immediate medical attention: No data available

Special treatment needs: No data available

5 FIRE FIGHTING MEASURES

Flammability: Slightly flammable

Flash Point: > 200°C

Flash Point Method: Pensky Martens Closed cup

Burning Rate: Not applicable

Autoignition Temp: > 200°C

LEL: Not determined

UEL: Not determined

Extinguishing Media:

Suitable: Use extinguishing media suitable for surrounding fire.

Unsuitable: No information available

Hazardous combustion products: Hazardous decomposition products formed under fire conditions- Carbon oxides, and other hazardous compounds

Unusual Fire or Explosion Hazards: None known

Special protective equipment/precautions: Wear self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective equipment, emergency procedures: Avoid contact with the material. See section 8 of SDS for PPE recommendations

Environmental Precautions: Keep runoff from entering drains or waterways

Spill/Leak procedures: Contain spill or leak. Dike area if necessary to prevent spill from spreading or entering sewers and waterways. Recover as much as possible then absorb remainder with inert material. Place into closed container for disposal.

Regulatory Requirements: Dispose of recovered material in accordance with all applicable state and federal

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regulations.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Do not taste or swallow. Do not inhale vapor or mist. Use with adequate ventilation. For industrial use only!

Storage Requirements: Keep away from children. Store in closed containers away from temperature extremes and incompatible materials. Store in properly labeled containers in accordance with all local, state and federal guidelines.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide local exhaust ventilation as needed to control misting.

Personal Protective Equipment: HMIS PP, B | Safety Glasses, Gloves

Respiratory protection: Not required under normal use conditions. If needed use MSHA/NIOSH approved respirator for dusts and mists. Seek professional advice prior to respirator selection and use. Follow all requirements of OSHA respirator regulations (29 CFR 1910.134)

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygiene: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, using the toilet, or applying cosmetics.

PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this product (29 CFR 1910.132)

Exposure Limits:
OSHA (TWA)/PEL): Not Established
ACGIH (TWA/TLV): Not Established

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky	Odor:	Aliphatic
Physical State:	Viscous liquid	Solubility:	Soluble in water
Odor Threshold:	Not determined	Freezing/Melting Pt.:	Not determined
Spec Grav./Density:	8.76 lb/gal	Flash Point:	> 200°C
Viscosity:	Not determined	Vapor Density:	>1
Boiling Point:	Not determined	Auto-Ignition Temp:	Not determined
Partition Coefficient:	Not determined	UFL/LFL:	Not determined
Vapor Pressure:	0.002 mm Hg @ 20°C		
pH:	6-8		
Evap. Rate:	Not determined		
Decomp Temp:	Not determined		

MEGAFLOC 4224 GR**10****STABILITY AND REACTIVITY**

Stability: Product is stable under normal storage and use conditions.

Conditions to Avoid: Avoid temperature extremes. Protect from freezing. Keep container closed when not in use.

Materials to Avoid: Strong Oxidizing Agents may cause exothermic reaction

Hazardous Decomposition: Thermal decomposition may produce carbon oxides and other toxic compounds.

Hazardous Polymerization: Will not occur.

11**TOXICOLOGICAL INFORMATION**

Acute Toxicity:
Oral LD₅₀ (rat) > 5000 mg/kg

Skin Corrosion/Irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Specific target organ toxicity (single exposure): No data available

Specific target organ toxicity (repeated exposure): No data available

Aspiration hazard: No data available

Carcinogenicity: No carcinogenic effects are known for the components of this product

Germ Cell Mutagenicity: No mutagenic effects are known for the components of this product

Teratogenicity: No teratogenic effects are known for the components of this product

12**ECOLOGICAL INFORMATION**

Aquatic Toxicity

Toxicity to fish: LC₅₀/96 hr > 1000 mg/L

Toxicity to daphnia: LC₅₀/48hr > 1000 mg/L

Toxicity to algae: EC₅₀/48hr/*Chaetogammarus marinus* = 15 mg/L

Elimination (persistence & degradability): No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

MEGAFLOC 4224 GR**13 DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

This material should be fully characterized for toxicity and possible reactivity prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14 TRANSPORT INFORMATION

Proper Shipping Name: Non-regulated

DOT Transportation data (49 CFR 172.101)

15 REGULATORY INFORMATION

TSCA: All components of this product are listed (or are not required to be listed) in the TSCA inventory
REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

TSCA: All components of this product are listed (or are not required to be listed) in the TSCA inventory

EPA / CERCLA / SARA TITLE III:

CERCLA List: This product does not contain any CERCLA listed hazardous substances.

Toxic Chemical List (SARA 313): This product does not contain any chemicals subject to routine annual toxic chemical release reporting.

Extremely Hazardous Substance (SARA 302/304): This product does not contain any extremely hazardous substances subject to emergency planning requirements.

SARA 312: No data available

RCRA: No data available

This product is formulated to meet "GRAS" (Generally Recognized As Safe) requirements according to sections 201(s) and 409 of the Federal Food, Drug, and Cosmetic Act (the Act). Refer to GRAS certification letter for more specific information

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16**OTHER INFORMATION**

HMIS III: Health = 0, Fire = 1, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves

HMIS	
HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

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Revision Notes: Updated to GHS format

Disclaimer:

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