
MEGAFLOC 420

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: MEGAFLOC 420
Common Name: Mixture
SDS Number: 0025
Product Code: WT0074
Revision Date: 11/1/2013
Version: 2
Internal ID: 100B
Product Use: Cationic polymer in solution / Wastewater treatment and industrial processing aid
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):

Health, Acute toxicity, 5 Oral
Health, Acute toxicity, 5 Dermal
Health, Acute toxicity, 5 Inhalation
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:

**NO GHS PICTOGRAMS INDICATED FOR
THIS PRODUCT**

GHS Hazard Statements:

H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin
H333 - May be harmful if inhaled
H320 - Causes eye irritation

GHS Precautionary Statements:

P281 - Use personal protective equipment as required.
P352 - Wash with soap and water.
P103 - Read label before use.

MEGAFLOC 420

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)

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. Remove contaminated garments and wash or destroy. Consult a physician if irritation develops.

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

Ingestion: Give person plenty of water. If symptoms develop, seek medical attention.

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: Not flammable

Flash Point: None

Flash Point Method: Pensky Martens Closed cup

Burning Rate: No data available

Autoignition Temp: No data available

LEL: Not applicable

UEL: Not applicable

Extinguishing Media:

Suitable: Use extinguishing media suitable for surrounding fire.

Unsuitable: No information available

Hazardous combustion products: Thermal decomposition, as under fire conditions, may produce carbon dioxide, carbon monoxide, oxides of nitrogen, hydrogen chloride gas and other potentially harmful compounds.

Unusual Fire or Explosion Hazards: Spills produce extremely slippery surfaces.

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

MEGAFLOC 420

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: Caution: Spill area will be very slippery. 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.

Cleanup: After collection/absorption of spill, flush away remaining traces with large quantity of water. Area may remain slippery. Sand or other traction aid may be used to reduce slip hazard.

Regulatory Requirements: Dispose of recovered material in accordance with all applicable state and federal 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: Store in closed containers away from temperature extremes and incompatible materials. Maintain storage temperature in the range of 0-35°C (32-95°F) Protect from freezing. 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: 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

MEGAFLOC 420

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, amber	Odor:	Slight
Physical State:	Liquid	Solubility:	Complete in water
Odor Threshold:	Not determined	Freezing/Melting Pt.:	-3°C (27°F)
Spec Grav./Density:	9.01-9.10 lb/gal	Flash Point:	None
Viscosity:	Not determined	Vapor Density:	Not determined
Boiling Point:	Not determined	Auto-Ignition Temp:	Not determined
Partition Coefficient:	Not determined	UFL/LFL:	Not determined
Vapor Pressure:	Not determined		
pH:	5-7		
Evap. Rate:	Not determined		
Decomp Temp:	Not determined		

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal storage and use conditions.
Conditions to Avoid:	Avoid temperature extremes. Protect from freezing
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition:	None under normal storage conditions. See section 5 of SDS.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
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	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
	Fish: LC ₅₀ (96 hr) > 10 mg/L
	Daphnia: EC ₅₀ (48 hr) > 10 mg/L
	The aquatic toxicity is highly mitigated by the presence of dissolved organic carbon in the water
Elimination (persistence & degradability):	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

MEGAFLOC 420

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

MEGAFLOC 420

16**OTHER INFORMATION**

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Author: U.S. Water Services**Revision Notes:** Updated to GHS format**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). The above information is not claiming characteristics of the product in term of legal claims of performance / guarantee. This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product.