

## MEGAFLOC 3609

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** MEGAFLOC 3609  
**Common Name:** MIXTURE  
**SDS Number:** 0630  
**Revision Date:** 2/9/2015  
**Version:** 1  
**Internal ID:** 110C  
**Product Use:** Flocculant  
**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, Specific target organ toxicity - Single exposure, 3  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Health, Skin corrosion/irritation, 3

#### GHS Label elements, including precautionary statements

**GHS Signal Word:** **WARNING**

#### GHS Hazard Pictograms:



#### GHS Hazard Statements:

H335 - May cause respiratory irritation  
H320 - Causes eye irritation  
H316 - Causes mild skin irritation

#### GHS Precautionary Statements:

P281 - Use personal protective equipment as required.  
P302+352 - IF ON SKIN: Wash with soap and water.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

---

**MEGAFLOC 3609**

---

**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:**

Cationic water-soluble polymer in emulsion

**4 FIRST AID MEASURES**

- Inhalation:** Remove from contamination. Seek medical attention if difficulties persist.  
**Skin Contact:** Wash off with plenty of soap and water. Consult a physician if irritation persists.  
**Eye Contact:** Flush eyes with plenty of running water for at least 15 minutes. Seek medical attention if irritation persists.  
**Ingestion:** No hazards which require special first aid measures. This product is not considered toxic based on studies on laboratory animals.

**Most important symptoms & effects (acute & delayed):**

**Indication of need for immediate medical attention:** No data available

**Special treatment needs:** No data available

**5 FIRE FIGHTING MEASURES**

- Flash Point:** None  
**Burning Rate:** Not applicable  
**Autoignition Temp:** Not determined  
**LEL:** Not available  
**UEL:** Not available

**Extinguishing Media:** Water, water spray, foam, CO<sub>2</sub>, Dry Chemical

**Suitable:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable:** No information available

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

**Unusual Fire or Explosion Hazards:** None known

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



## MEGAFLOC 3609

**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. Spilled material is very slippery when wet. 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 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. To avoid product degradation, and equipment corrosion, do not use iron, copper or aluminum containers or equipment. For industrial use only!

**Storage Requirements:** Keep away from children. Store in closed containers away from temperature extremes and incompatible materials. Store in a dry, well ventilated area. Keep containers tightly closed, and properly labeled. Store 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/dusting.

**Personal Protective Equipment:** HMIS PP, C | Safety Glasses, Gloves, Apron

**Respiratory protection:** If exposure levels are exceeded a respirator must be used. If needed use a MSHA/NIOSH approved respirator. 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 3609

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Milky	<b>Odor:</b>	Aliphatic
<b>Physical State:</b>	Viscous liquid	<b>Solubility:</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Freezing/Melting Pt.:</b>	Not determined
<b>Spec Grav./Density:</b>	8.67 lb/gal	<b>Flash Point:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>Vapor Density:</b>	>1 (Air=1)
<b>Boiling Point:</b>	Not determined	<b>Auto-Ignition Temp:</b>	Not determined
<b>Partition Coefficient:</b>	Not determined	<b>UFL/LFL:</b>	Not determined
<b>Vapor Pressure:</b>	0.002 mm Hg @ 20C		
<b>pH:</b>	3-7 (5g/L)		
<b>Evap. Rate:</b>	Not determined		
<b>Decomp Temp:</b>	Not determined		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal storage and use conditions.
<b>Conditions to Avoid:</b>	Avoid temperature extremes. Keep container closed when not in use. Protect from freezing.
<b>Materials to Avoid:</b>	Oxidizing agents may cause exothermic reaction.
<b>Hazardous Decomposition:</b>	Thermal decomposition may produce hydrogen chloride gas, nitrogen oxides, carbon oxides, and other potentially hazardous chemicals.
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Oral: LD <sub>50</sub> (rat) >5000 mg/kg Dermal: Not expected to be toxic (rabbits) Inhalation: Not expected to be toxic
<b>Skin Corrosion/Irritation:</b>	May cause eye irritation with susceptible persons.
<b>Serious eye damage/irritation:</b>	May cause eye irritation with susceptible persons.
<b>Respiratory or skin sensitization:</b>	Not expected to be toxic by inhalation
<b>Specific target organ toxicity (single exposure):</b>	No data available
<b>Specific target organ toxicity (repeated exposure):</b>	No data available
<b>Aspiration hazard:</b>	No data available
<b>Carcinogenicity:</b>	No carcinogenic effects are known for the components of this product
<b>Germ Cell Mutagenicity:</b>	No mutagenic effects are known for the components of this product
<b>Teratogenicity:</b>	No teratogenic effects are known for the components of this product

### 12 ECOLOGICAL INFORMATION

<b>Aquatic Toxicity</b>	
<b>Toxicity to fish:</b>	LC <sub>50</sub> /96 hours > 10-100 mg/L.
<b>Toxicity to daphnia:</b>	EC <sub>50</sub> /48 hours >50 mg/L.
<b>Toxicity to algae:</b>	Algal inhibition tests are not appropriate. Product characteristics interfere with test medium, thus invalidating the test.
<b>Elimination:</b>	Product will hydrolyze at pH >6. ~70% in 28 days. Hydrolysis products are not harmful to aquatic



---

## MEGAFLOC 3609

---

organisms.

**Bioaccumulative potential:** Does not bio-accumulate

**Mobility in soil:** No data available

**Other adverse effects:** No data available

### 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

COMPONENT / (CAS/PERC) / CODES  
-----

**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

**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

**California Proposition 65:** This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm.

**RCRA:** No data available

---

**MEGAFLOC 3609**

---

**16****OTHER INFORMATION**

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

HMIS	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

**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.