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**MEGAFLOC 3840 G**

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**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier:** MEGAFLOC 3840 G  
**Common Name:** MIXTURE  
**SDS Number:** 0998  
**Revision Date:** 8/29/2018  
**Version:** 2  
**Internal ID:** 010B  
**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):**  
No GHS Classifications Indicated

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** NONE

**GHS Hazard Pictograms:**

No GHS pictograms indicated for this product

**GHS Hazard Statements:**

No GHS hazards statements indicated

**GHS Precautionary Statements:**

No GHS precautionary statements indicated

**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 3840 G****3****COMPOSITION/INFORMATION OF INGREDIENTS**

Chemical Ingredients		
CAS#	%	Chemical Name
64742-47-8	20-30%	Distillates, petroleum, hydrotreated light
69011-36-5	<3%	Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched

**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:** Material is not considered toxic based on animal studies. If large amount ingested give plenty of water

**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:** > 200°F
- Flash Point Method:** Pensky-Martens Closed Cup
- Burning Rate:** Not applicable
- Autoignition Temp:** Not determined
- LEL:** Not available
- UEL:** Not available

**Extinguishing Media:**

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

**Unsuitable:** No information available

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

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

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

**MEGAFLOC 3840 G****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, B | Safety Glasses, Gloves

**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

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**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Milky white	<b>Odor:</b>	Aliphatic
<b>Physical State:</b>	Viscous liquid	<b>Solubility:</b>	Dispersible
<b>Odor Threshold:</b>	Not determined	<b>Freezing/Melting Pt.:</b>	<5C
<b>Spec Grav./Density:</b>	8.34 lb/gal	<b>Flash Point:</b>	None
<b>Viscosity:</b>	>20.5 mm <sup>2</sup> /s	<b>Vapor Density:</b>	Not determined
<b>Boiling Point:</b>	>100C	<b>Auto-ignition Temp:</b>	Not determined
<b>Partition Coefficient:</b>	Not determined	<b>UFL/LFL:</b>	Not determined
<b>Vapor Pressure:</b>	0.13 mm Hg @ 20°C		
<b>pH:</b>	4-6 5g/L		
<b>Evap. Rate:</b>	<1 (Butyl Acetate =1)		
<b>Decomp Temp:</b>	Not determined		

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**STABILITY AND REACTIVITY**

<b>Chemical 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>	No decomposition if stored and used as directed. See Section 5 of SDS.
<b>Hazardous Polymerization:</b>	Will not occur.

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**TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity:</b>	Oral LD <sub>50</sub> (rat) > 5000 mg/kg
	Dermal: Non-toxic when tested on rabbits
	Inhalation: Not expected to be toxic
<b>Skin Corrosion/Irritation:</b>	May be irritation to susceptible persons.
<b>Serious eye damage/irritation:</b>	May be irritation to susceptible persons.
<b>Respiratory or skin sensitization:</b>	Not sensitizing.
<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

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**ECOLOGICAL INFORMATION**

<b>Aquatic Toxicity</b>	
	<i>Danio rerio</i> LC <sub>50</sub> /96 hours > 10-100 mg/L
	<i>Daphnia dubia</i> EC <sub>50</sub> /48 hours > 50 mg/L
<b>Elimination:</b>	Not readily biodegradable
<b>Bioaccumulative potential:</b>	Does not bioaccumulate
<b>Mobility in soil:</b>	No data available

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**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#) [%] - CODES

Distillates, petroleum, hydrotreated light (64742-47-8) [20-30%] TSCA

Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (69011-36-5) [<3%] TSCA

RQ(5000LBS), Acrylamide (79-06-1) [n/a%] CERCLA, EHS302, GADSL, HAP, MASS, NJHS, NRC, OSHAWAC, PA, PROP65, REACH, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

**WARNING**

This product can expose you to chemicals including Acrylamide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Regulatory CODE Descriptions**

RQ = Reportable Quantity  
TSCA = Toxic Substances Control Act  
CERCLA = Superfund clean up substance  
EHS302 = Extremely Hazardous Substance  
GADSL = Global Automotive Declarable Substance List (GADSL)  
HAP = Hazardous Air Pollutants  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
NRC = Nationally Recognized Carcinogens  
OSHA = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
PROP65 = CA Prop 65  
REACH = REACH List of Substances of Very High Concern (RSL)  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
TXHWL = TX Hazardous Waste List

**EPA / CERCLA / SARA TITLE III:**

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

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**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

**California Proposition 65:** This product contains a chemical known to the state of California to cause cancer: Acrylamide

**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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**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

**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.

Revision Date: 8/29/2018