



## Safety Data Sheet

### 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:**.....**CAPTIFLOCAEF30**  
**PRODUCT NUMBER:** .....Captifloc AEF30  
**DESCRIPTION:** .....Polymer  
**OTHER MEANS OF IDENTIFICATION:** ..... Viscous liquid, milky with an aliphatic.  
**RECOMMENDED USE:** .....Processing aid for industrial applications.  
**RESTRICTIONS ON USE:** .....Use only as directed.

**COMPANY:**..... CHEMTRON CORPORATION  
3500 Harry S. Truman Blvd  
St. Charles, MO 63301  
636-940-5445 (Mon-Fri., 8:00-4:00)  
www.chemtroncorporation.com

**EMERGENCY PHONE:** .....(800) 424-9300 (CHEMTREC)  
**REVISION DATE:**.....DECEMBER 15, 2016

### 2 – HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**.....Spills produce extremely slippery surfaces.

**CLASSIFICATION 29 CFR 1910.1200:** ..... This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard.

**GHS SIGNAL WORD:** .....**None**  
**GHS HAZARD STATEMENTS:**.....None  
**GHS PRECAUTIONARY STATEMENTS:**.....None

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
Distillates (petroleum, hydrotreated light	20-45	64742-47-8
Poly(oxy-1, 2-ethanediyl), a-tridecyl-w-hydroxy, branched	< 3	69011-36-5

The exact percent by weight of the ingredients in this formulation is proprietary.



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### 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):**..Move to fresh air. No hazards which require special first aid measures.  
**SWALLOWING (INGESTION):**..Rinse mouth with water. Do NOT induce vomiting. Call a physician or poison control centre immediately.  
**EYES:**.....Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Alternatively, rinse immediately with diphoteryne. Get medical attention immediately.  
**SKIN (DERMAL):** .....Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.  
**ACUTE SYMPTOMS:**.....None under normal use.  
**DELAYED EFFECTS:** .....None under normal use.  
**IMMEDIATE OR SPECIAL TREATMENT:** .....None reasonably foreseeable.

### 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**.....Does not flash.  
**EXTINGUISHING MEDIA:** .....Water, water spray, foam, carbon dioxide (CO<sub>2</sub>), dry powder.  
**SPECIAL FIRE FIGHTING PROCEDURES:** .....Carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>). Hydrogen chloride, Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere. Spills produce extremely slippery surfaces.

### 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:**.....Small spills: Do not flush with water. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.  
Large spills: Do not flush with water. Dam up. Clean up promptly by scoop or vacuum.  
Residues: Soak up with inert absorbent material. After cleaning, flush away traces with water.  
**PERSONAL PRECAUTIONS:**....Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

### 7 – HANDLING and STORAGE

**STORAGE:** .....Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material. Incompatible with oxidizing agents.  
**HANDLING:**.....Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink or smoke.



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### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** .....Do not allow uncontrolled discharge of product into the environment.

INGREDIENT	SOURCE & PARAMETER	EXPOSURE LIMIT
Distillates (petroleum) hydrotreated light	ACGIH	200 mg/m <sup>3</sup> 8 hr

**PROTECTIVE CLOTHING:** .....Chemical goggles, face shield, always wear eye protection when working with any chemical. Impervious gloves, clean body covering, rubber apron, rubber boots.

**ADDITIONAL MEASURES:**.....Ensure adequate ventilation, especially in confined areas. Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists. Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product.

### 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE:** .....Viscous liquid, milky.

**ODOR:** .....Aliphatic.

**BOILING POINT:** .....> 100 (C)

**VAPOR PRESSURE:**.....2.3 kPa @ 20 (C)

**VAPOR DENSITY (AIR=1):** .....0.804 g/litre @ 20 (C)

**SPECIFIC GRAVITY:** .....1.0-1.2

**pH:** .....5-8 @ 5 g/L

**SOLUBILITY IN WATER:** .....Completely miscible in water.

**FLAMMABILITY:** .....Not Flammable

**EVAPORATION RATE:**.....No data available.

**MELTING POINT/FREEZING POINT:** .....< 5 C

### 10 – STABILITY and REACTIVITY

**REACTIVITY:** .....Stable under recommended storage conditions.

**STABILITY:** .....Stable under recommended storage conditions.

**HAZARDOUS POLYMERIZATION:** .....Not known.

**INCOMPATIBILITY:** .....Oxidizing agents.

**HAZARDOUS REACTIONS:** .....Protect from frost, heat and sunlight.

**HAZARDOUS DECOMP:** .....Thermal decomposition may produce, nitrogen oxides (NO<sub>x</sub>), carbon oxides (CO<sub>x</sub>). Ammonia, Hydrogen, cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.



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### 11 – TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF EXPOSURE:** .....Skin and/or eye contact. Ingestion. Inhalation.  
**TOXICOLOGICAL CHARACTERISTICS:** .....The results of testing on rabbits showed this material to be non toxic even at high dose levels.  
**DELAYED EFFECTS:** .....No know effects.  
**IMMEDIATE EFFECTS:** .....May cause a slight eye irritation.  
**CHRONIC EFFECTS:** .....Not Known.  
**LISTED CARCINOGEN:** .....Not carcinogenicity.

INGREDIENTS	DATA
Distillates (petroleum), hydrotreated light	Oral LD50 rat 5000 mg/kg
	Dermal LD50 rabbit 5000 mg/kg
Poly(oxy-1, 2-ethanediyl), a-tridecyl-w-hydroxy-, branched	Inhalation LC50 rat 4951 mg/m3
	Oral LD50 rat 500-2000 mg/kg
	Dermal LD50 rabbit 2000 mg/kg

### 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:**

PRODUCT	DATA
Captifloc AEF30	Acute Toxicity to Fish: LC50 Oncorhynchus mykiss/96 hours > 100 mg/L Acute Toxicity to Invertebrates: EC50 Daphnia 48 hours > 100 mg/L Acute Toxicity to Algae 72 hours > 100 mg/L

HAZARDOUS COMPONENTS	DATA
Distillates (petroleum), hydrotreated light	LC0 oncorhynchus mykiss 96 hrs >1000 mg/L EC0 daphnia magna 48 hrs >1000 mg/L
Poly(oxy-1, 2-ethanediyl), a-tridecyl-w-hydroxy-, branched	IC0 pseudokirchneriella subcapitata 72 hrs >1000 mg/L LC50 cyprinus carpio 96 hrs 1-10 mg/L EC50 daphnia 48 hrs 1-10 mg/L IC50 desmodesmus subspicatus 72 hrs 1-10 mg/L

**PERSISTENCE AND DEGRADABILITY:** .....Not readily biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** .....This product is not expected to bioaccumulate.  
**MOBILITY IN SOIL:** .....No data available.  
**OTHER ADVERSE EFFECTS:** ..None.

### 13 –DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** .....Dispose of material in an approved chemical waste landfill or incinerate in accordance with applicable federal, state, and local regulations. Since empty containers retain material residues, all labeled hazards must be observed.



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### 14 – TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:**.....Not Regulated

### 15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

**TSCA (Toxic Substance Control Act) STATUS:**.....All ingredients listed or exempt.

**SECTION 311/312:** .....Not Hazardous.

**US EPA CERLA:** .....None Hazardous

**PROP65:**.....**WARNING!** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

### 16 – OTHER INFORMATION

#### NFPA HAZARD RANKING

HEALTH	FIRE	REACTIVITY	SPECIAL
0	1	0	

#### HMIS HAZARD RANKING

HEALTH	FIRE	REACTIVITY	PPE
0	1	0	B

This data is offered in good faith and believed to be accurate, but it is for the users to satisfy themselves of the product suitability for their own purpose. There is no warranty expressed or implied. The recommended hygiene and safe handling procedures are believed to be generally applicable.