

## 1. IDENTIFICATION

### Product information

**Product name**  
**SUPERFLOC A-130**

### Recommended use of the chemical and restrictions on use

#### Use of the Substance/Mixture

Water treatment chemical.

#### Recommended restrictions on use

Do not use for other purposes than the identified uses.

### Supplier's details

Kemira Chemicals, Inc.  
1000 Parkwood Circle, Suite 500  
30339 Atlanta USA  
Telephone+17704361542, Telefax. +17704363432

HEAD OFFICE  
Kemira Oyj  
P.O. Box 330  
00101 HELSINKI  
FINLAND  
Telephone +358108611 Telefax +358108621124

### Emergency telephone number

CHEMTREC (24 Hours): 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### GHS Classification

The product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).,

### GHS-Labeling

Product is not hazardous under US GHS.

**Hazard(s) not otherwise classified (HNOC) or not covered/classified by GHS**

**Advice;** Forms slippery/greasy layers with water.

**Potential environmental effects;** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances /Mixtures**

Mixture  
Chemical nature : Anionic polyacrylamide.

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

**4. FIRST AID MEASURES**

**Description of first aid measures**

**General advice**

Show this safety data sheet to the doctor in attendance.

**Inhalation**

No hazards which require special first aid measures. Remove to fresh air.

**Skin contact**

Wash off with soap and water.

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids. If possible use lukewarm water.

**Ingestion**

Rinse mouth with water. Call a physician if symptoms occur. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Hazards : No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

Treatment : Symptomatic treatment.

**5. FIREFIGHTING MEASURES**

**Suitable extinguishing media**

Water spray

Dry chemical

Carbon dioxide (CO<sub>2</sub>)

#### **Unsuitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Special hazards arising from the substance or mixture**

Dust may form explosive mixture in air.

#### **Special protective actions for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

Use NIOSH/MSHA approved respiratory protection.

#### **Further information**

Forms slippery/greasy layers with water.

## 6. ACCIDENTAL RELEASE MEASURES

#### **Personal precautions, protective equipment and emergency procedures**

For personal protection see section 8.

#### **Environmental precautions**

Should not be released into the environment.

#### **Methods and materials for containment and cleaning up**

Product becomes slippery when it is wet. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water. Prevent product from entering drains.

#### **Additional advice**

For personal protection see section 8.

## 7. HANDLING AND STORAGE

#### **Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation during handling. The product is hygroscopic. Protect from moisture.

#### **Conditions for safe storage, including any incompatibilities**

Store in original container.

#### **Materials for packaging**

Unsuitable material: To avoid product degradation and equipment corrosion, do not use iron, copper or aluminium containers or equipment.

#### **Materials to avoid:**

Strong oxidizing agents

**Storage stability:**

Storage temperature	40 - 90 °F
Other data	Stable under recommended storage conditions. Reason: integrity

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Contains no substances with occupational exposure limit values.

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation.

**Individual protection measures, such as personal protective equipment**  
**Industrial Hygiene**

Handle in accordance with good industrial hygiene and safety practice.

**Respiratory protection**

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

**Hand protection**

Glove material: Impervious gloves, Permeability tests are not available for this product. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**Skin and body protection**

Protective clothing.

**Eye protection**

Safety goggles

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	solid
<b>Form</b>	granular
<b>Colour</b>	off-white
<b>Odour</b>	none
<b>Odour Threshold</b>	not determined
<b>pH</b>	7 - 9 Concentration: 0.5 % (as aqueous solution)
<b>Freezing point/Melting point :</b>	not determined
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	not flammable
<b>Explosive properties:</b>	
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Oxidizing properties</b>	The substance or mixture is not classified as oxidizing.
<b>Vapour pressure</b>	Not applicable
<b>Relative vapour density</b>	Not applicable
<b>Density</b>	No data available
<b>Relative density</b>	No data available
<b>Bulk density</b>	650 - 850 kg/m <sup>3</sup>
<b>Solubility(ies):</b>	
<b>Water solubility</b>	Limited by viscosity.
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Auto-ignition temperature</b>	No data available

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<b>Decomposition temperature</b>	392 °F
<b>Viscosity:</b>	
<b>Viscosity, dynamic</b>	No data available
<b>Viscosity, kinematic</b>	No data available
<b>Oxidizing potential</b>	The substance or mixture is not classified as oxidizing.
<b>Saturation in air (% vol.)</b>	No data available
<b>Surface tension</b>	Not applicable

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under recommended storage conditions.

### Chemical stability

The product is chemically stable.

### Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### Conditions to avoid

Material is stable under normal conditions.

### Incompatible materials

Strong oxidizing agents

### Hazardous decomposition products

ammonia  
Carbon oxides (COx)  
Nitrogen oxides (NOx)

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute oral toxicity

Conclusion: The acute toxicological results displayed may not be the results of actual testing of this material but based on a similar tested material.

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	LD50/Rat/> 5,000 mg/kg
<b>Acute inhalation toxicity</b>	LC50/Rat/4 h/> 20 mg/lRemarks: estimated
<b>Acute dermal toxicity</b>	LD50/Rabbit/>/10,000 mg/kg Remarks: estimated
<b>Skin corrosion/irritation</b>	Conclusion: Not classified as irritating for skin.
<b>Serious eye damage/eye irritation</b>	Conclusion: Not classified as irritating for eyes.
<b>Respiratory or skin sensitisation</b>	
<b>Skin sensitisation</b>	Conclusion: Contains no substance or substances classified as sensitising.
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity in vivo</b>	Conclusion: Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	
<b>Toxicity for reproduction</b>	Conclusion: Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	/The substance or mixture is not classified as specific target organ toxicant, single exposure.
<b>Specific target organ toxicity - repeated exposure</b>	/The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
<b>Aspiration hazard</b>	
<b>Aspiration toxicity</b>	No aspiration toxicity classification

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

#### Aquatic toxicity

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Revision Date: 05/28/2020

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Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.  
LC50/96 h/Lepomis macrochirus (bluegill sunfish)/Acute toxicity/OECD Test Guideline 203: > 100 mg/l

Remarks: fresh water  
LC50/96 h/Oncorhynchus mykiss (rainbow trout)/Acute toxicity/OECD Test Guideline 203: > 100 mg/l

Remarks: fresh water

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.  
EC50/48 h/Daphnia magna (Water flea)/Immobilization/OECD Test Guideline 202: > 100 mg/l  
EC50/10 d/Corophium volutator (amphipoda)/Immobilization/OECD Test Guideline 202: 1,415 mg/l  
EC50/48 h/Acartia tonsa (copepod)/Immobilization/OECD Test Guideline 202: 342 mg/l

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.  
IC50/72 h/Green algae (Selenastrum capricornutum)/OECD Test Guideline 201: > 100 mg/l  
IC50/72 h/Skeletonema costatum (diatom)/Growth inhibition/OECD Test Guideline 201: 2,276 mg/l

**Toxicity to other organisms**

No data available

**Persistence and degradability**

Biological degradability:

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.  
Not readily biodegradable.

Ready biodegradability/OECD Test Guideline 301 D/28 d: < 10 %

Biodegradability in Seawater/OECD Test Guideline 306/28 d: 1.7 %

**Bioaccumulative potential**

Partition coefficient: n-octanol/water: Not applicable

**Mobility in soil**

Water solubility: Limited by viscosity.  
Surface tension: Not applicable

**Other adverse effects**



None known.

Additional ecological information: Ecotoxicological information provided is based on a structurally or compositionally similar product. This material is not classified as dangerous for the environment.

### 13. DISPOSAL CONSIDERATIONS

<b>Product</b>	Recycling, recovery and reuse of materials is recommended if permitted by regulations.If recycling is not practicable, dispose of in compliance with local regulations.
<b>Contaminated packaging</b>	Packages must be disposed of according to local and national regulations.

### 14. TRANSPORT INFORMATION

#### Land transport

Not classified as dangerous in the meaning of transport regulations.

#### Sea transport

Not classified as dangerous in the meaning of transport regulations.

#### Air transport

Not classified as dangerous in the meaning of transport regulations.

### 15. REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

##### SARA Title III Section 311 Categories

No SARA Hazards

##### SARA 302 Extremely Hazardous Substances

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### SARA 313 - Specific Toxic Chemical Listings

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

##### California Proposition 65

WARNING: This product contains a chemical(s) known to the State of California to cause

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cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Acrylamide (79-06-1) < 0.05 %

#### Notification status

USA	:	All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.
Canada	:	All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).
European Union	:	All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.
Australia	:	All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on the Australian Inventory of Chemical Substances (AICS).
China	:	All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.
Japan	:	All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese (ENCS) inventory.
South Korea	:	All components of this product are included in the Korean (ECL) inventory or are not required to be listed on the Korean (ECL) inventory.
Philippines	:	All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine (PICCS) inventory.
New Zealand	:	All components of this product are included in the New Zealand inventory (NZIoC) or are not required to be listed on the New Zealand inventory (NZIoC).
Taiwan	:	All components of this product are included on the Taiwan Toxic Chemical Substances Control Act Inventory.

## 16. OTHER INFORMATION

#### HMIS Rating

Health: 0

Flammability: 1

Reactivity: 0

#### NFPA Rating

Health: 0

Fire: 1

Reactivity: 0

**Training advice**

Read the safety data sheet before using the product.

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Sources of key data used to compile the Safety Data Sheet**

Regulations, databases, literature, own tests.

**Additions, Deletions, Revisions**

Relevant changes have been marked with vertical lines.

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