



# Safety Data Sheet

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SDS REVISION #: 000

PRODUCT IDENTIFIER: Liquifloc 4200

OTHER IDENTIFIERS: Unavailable

CHEMICAL FORMULA: Unavailable

RELEVANT USES: Processing aid for industrial applications

DISTRIBUTED BY: Chemstream, Inc.  
511 Railroad Avenue  
Homer City, PA 15748

PHONE NUMBERS: Business – (724) 915-8388 (business hours)  
CHEMTREC - (800) 424-9300 (transportation emergencies)

Certified to  
NSF/ANSI 60

## SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:



Skin corrosive (Category 1B), Serious eye damage (Category 1),  
Corrosive to metals (Category 1), Aquatic toxicity (Category 3)

SIGNAL WORD:

Warning

HAZARD STATEMENTS:

May cause eye and skin irritation with prolonged contact. Avoid contact with eyes, skin, and clothing. Do not take internally. Use with adequate ventilation.

PRECAUTIONARY STATEMENTS:

**Prevention**

Wash thoroughly after handling. Keep container closed when not in use.

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**Product: Liquifloc 4200****SECTION 2 - HAZARDS IDENTIFICATION Continued)**

PRECAUTIONARY STATEMENTS (continued):

**Response**

Not available.

**Storage**

Store in a cool, dry, well ventilated area. Protect from freeze.

**Disposal**

Not available

HAZARDS NOT OTHERWISE CLASSIFIED:

Aqueous solutions that become wet render surfaces extremely slippery.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

<b><u>Component</u></b>	<b><u>%</u></b>	<b><u>CAS No.</u></b>
Distillates (petroleum) hydrotreated light	20-45	64742-47-8
Poly(oxy-1,2-ethanedtyl), a-tridecyl-w-hydroxy-, branched	<3%	69011-36-5

**SECTION 4 - FIRST AID MEASURES**

IN CASE OF EYE CONTACT:

Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Obtain medical consultation, preferably form an ophthalmologist.

IN CASE OF SKIN CONTACT:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

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## SECTION 4 - FIRST AID MEASURES (continued)

### IF SWALLOWED:

If swallowed, call a poison control center or doctor immediately. DO NOT induce vomiting unless directed to do so by a doctor or poison control center. Never give anything by mouth to an unconscious person.

### IF INHALED:

Immediately move to fresh air. If breathing has stopped, give artificial respiration. Get immediate medical attention.

### MOST IMPORTANT SYMPTOMS AND EFFECTS:

None under normal use.

## SECTION 5 - FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES:

Refer to Section 9.

### EXTINGUISHING MEDIA:

Water. Water Spray. Foam. Carbon dioxide (CO<sub>2</sub>). Dry powder.

### PROTECTION OF FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing, and face mask.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES:

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations. Do not touch or walk-through spilled material. Spills produce extremely slippery surfaces. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### CONTAINMENT & CLEAN-UP:

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water

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**Product: Liquifloc 4200****SECTION 7 - HANDLING AND STORAGE****HANDLING:**

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink or smoke.

**STORAGE:**

Keep in properly labeled containers. Keep in a dry cool place (0- 30°C). Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material. **Incompatible Materials:** Strong oxidizing agents

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES:**

Distillates (petroleum) hydrotreated light     ACGIH TWA - 200 mg/M<sup>3</sup>

**ENGINEERING CONTROLS:**

Use local exhaust if misting occurs.

**EYE / FACE PROTECTION:**

Chemical safety goggles

**SKIN PROTECTION:**

Skin and Body Protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.).

**RESPIRATORY PROTECTION:**

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Milky- white color liquid  
@ 68° F (20° C)

**Odor:** Aliphatic

**pH:** 5-9

**Freeze Point:** Unknown

**Initial Boiling Point:** Unknown

**Flash Point:** Unknown

**Evaporation Rate:** Similar to water  
(Ethyl Ether = 1)

**Upper Explosion Limit:** Unavailable

**Lower Explosion Limit:** Unavailable

**Vapor Pressure:** Similar to water

**Vapor Density:** Not applicable

**Relative Density:** Similar to water

**Weight/Gallon:** Unknown

**Solubility in Water:** 100%

**Volatile %:** Unknown

**VOC %:** Unknown

**Autoignition Temperature:** Unavailable

**Decomposition Temperature:** >150 °C

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## SECTION 10 - STABILITY AND REACTIVITY

### REACTIVITY:

Hazardous reactions will not occur under normal conditions.

### STABILITY (conditions to avoid):

Stable under recommended handling and storage conditions (see section 7).

### POSSIBILITY OF HAZARDOUS REACTIONS:

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

### CONDITIONS TO AVOID:

Protect from frost, heat, and sunlight.

### INCOMPATIBLE MATERIALS:

Oxidizing agents

### HAZARDOUS DECOMPOSITION PRODUCTS:

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

## SECTION 11 - TOXICOLOGICAL INFORMATION

### LIKELY ROUTES OF EXPOSURE:

Skin and eye contact and inhalation

### SYMPTOMS:

**Eyes:** Not available

**Skin:** Not available

**Breathing:** Not available

**Swallowing:** Not available

### EFFECTS FROM EXPOSURE:

**Immediate:** Not available

**Delayed:** Unavailable

**Chronic:** Unavailable

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## SECTION 11 - TOXICOLOGICAL INFORMATION (continued)

### TOXICITY DATA (selected):

Oral LD<sub>50</sub> (rat) – Not available  
Dermal LD<sub>50</sub> (rabbit) – Not available

### CARCINOGENICITY

This product is not reported to have any carcinogenic effects. This product (or components) is not listed in IARC Monographs, the current NTP Report on Carcinogens or the current ACGIH TLVs as a carcinogen or potential carcinogen. OSHA does not regulate it as a carcinogen.

## SECTION 12 - ECOLOGICAL INFORMATION

### ECOTOXICITY:

48-hr. LC<sub>50</sub> (Daphnia magna) = >20 mg/L

### PERSISTENCE AND BIODEGRADABILITY

Does not biodegrade

### BIOACCUMULATIVE POTENTIAL:

This product has no potential for bioaccumulation.

### MOBILITY IN SOIL:

Not available

### OTHER ADVERSE EFFECTS:

Not available

## SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations. Empty containers should be taken to an approved waste handling site for disposal. Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

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## SECTION 14 - TRANSPORT INFORMATION

U.S. DOT, TDG (CANADIAN), IMO (WATER) AND ICAO (AIR) TRANSPORT INFORMATION:

UN Number: Not Classified  
Shipping Name:  
Class:  
Packing Group:  
RQ (product):

## SECTION 15 - REGULATORY INFORMATION

TSCA INFORMATION:

All components in this product are in compliance with TSCA Inventory requirements or exempt from reporting.

EINECS:

All components in this product are on the European Inventory of Existing Chemical Substances (215-185-5).

CEPA:

All components in this product are listed on the Canadian Domestic Substances List (DSL).

SARA:

**CERCLA/SARA 302:**

**CERCLA/SARA 311/312:**

**CERCLA/SARA 313:**

## SECTION 16 - OTHER INFORMATION

HMIS RATINGS: Health – 0, Fire – 1, Physical Hazard - 0

PREPARATION DATE: July 14, 2021

SUPERCEDES:

REASON FOR REVISION:

LAST REVIEW DATE:

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The product information contained herein is believed to be accurate as of the date of the Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury or property damage.

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\*\*\*END OF REPORT\*\*\*