



# SAFETY DATA SHEET

Issuing Date 18-Jun-2015

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** JET-LUBE® CHLOR-OUST

### Other means of identification

**Synonyms** CHLOR-OUST

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

**Recommended Use** Water treatment chemical

**Uses advised against** No information available

### Supplier's details

#### **Manufacturer Address**

Jet-Lube, Inc.  
4849 Homestead Rd.  
Suite 232  
Houston, Texas 77028  
TEL: 713-670-5700 (7:00 a.m. - 5:00 p.m.)

### Emergency telephone number

**Emergency Telephone Number** CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

|   |            |
|---|------------|
| Acute Oral Toxicity                                       | Category 4 |
| Acute Inhalation Toxicity - Dusts and Mists               | Category 4 |
| Serious Eye Damage/Eye Irritation                         | Category 2 |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3 |

### GHS Label elements, including precautionary statements

#### Emergency Overview

|  |                |
|--|----------------|
| <b>Signal Word</b>   | <b>Warning</b> |
| <b>Hazard Statements</b>   |                |
| <ul style="list-style-type: none"><li>• Harmful if swallowed</li><li>• Harmful if inhaled</li><li>• Causes serious eye irritation</li><li>• May cause respiratory irritation</li></ul> |                |

**Appearance** Colorless. White.**Physical State** Solid**Odor** Odorless**Precautionary Statements****Prevention**

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Wash face, hands and any exposed skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear eye/face protection.

**General Advice**

- None

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Call a POISON CENTER or doctor/physician if you feel unwell.

**Ingestion**

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Rinse mouth.

**Storage**

- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

Very toxic to aquatic life with long lasting effects

0% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Synonyms**

STERILENE™

| Chemical Name                   | CAS-No     | Weight % | Trade secret |
|---------------------------------|------------|----------|--------------|
| Sodium thiosulfate pentahydrate | 10102-17-7 | 90-100   | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### Description of necessary first-aid measures

|                                   |  |
|-----------------------------------|--|
| <b>General Advice</b>             | Show this safety data sheet to the doctor in attendance.   |
| <b>Eye Contact</b>                | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.  |
| <b>Skin Contact</b>               | Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.  |
| <b>Inhalation</b>                 | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.   |
| <b>Ingestion</b>                  | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. |
| <b>Protection of First-aiders</b> | Use personal protective equipment.   |

### Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** Eye irritation/reactions.

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

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

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

**Unsuitable Extinguishing Media** No information available.

### Specific Hazards Arising from the Chemical

No information available.

#### Explosion Data

|   |       |
|---|-------|
| <b>Sensitivity to Mechanical Impact</b> | None. |
| <b>Sensitivity to Static Discharge</b>  | None. |

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid dust formation. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Avoid inhalation of dust.

### Environmental Precautions

**Environmental Precautions** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

### Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**

Small Spill - Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill - Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

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

Hygroscopic. Keep container tightly closed. Keep container in a cool, well-ventilated area.

**Incompatible Products**

Oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls****Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Safety glasses with side-shields.

**Skin and Body Protection**

Protective gloves. Impervious clothing.

**Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical State**  
**Odor**

Solid  
Mild

**Appearance**  
**Odor Threshold**

Colorless. White.  
No information available

**Property****Values****Remarks/ - Method**

pH

6.0 - 6.5

None known

Melting Point/Range

48 °C / 118.4 °F

None known

Boiling Point/Boiling Range

> 100 °C

None known

Flash Point

150 - 225 °C

None known

Evaporation rate

No data available

None known

Flammability (solid, gas)

No data available

None known

Flammability Limits in Air

No data available

upper flammability limit

No data available

lower flammability limit

Vapor Pressure

No data available

None known

Vapor Density

No data available

None known

|   |                   |            |
|---|-------------------|------------|
| <b>Specific Gravity</b>                       | 1.7 – 1.75        | None known |
| <b>Water Solubility</b>                       | Soluble in water. | None known |
| <b>Solubility in other solvents</b>           | No data available | None known |
| <b>Partition coefficient: n-octanol/water</b> | No data available | None known |
| <b>Autoignition Temperature</b>               | No data available | None known |
| <b>Decomposition Temperature</b>              | No data available | None known |
| <b>Viscosity</b>                              | No data available | None known |
| <b>Flammable Properties</b>                   | Not flammable     |            |
| <b>Explosive Properties</b>                   | No data available |            |
| <b>Oxidizing Properties</b>                   | No data available |            |
| <b><u>Other information</u></b>               |                   |            |
| <b>VOC Content (%)</b>                        | No data available |            |

## 10. STABILITY AND REACTIVITY

### **Reactivity**

No data available.

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

None under normal processing.

### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### **Conditions to avoid**

Incompatible products, moisture.

### **Incompatible materials**

Oxidizing agents, acids, alkalis.

### **Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Harmful if inhaled. May cause irritation of respiratory tract. |
| <b>Eye Contact</b>  | Causes serious eye irritation.                                 |
| <b>Skin Contact</b> | May be harmful in contact with skin.                           |
| <b>Ingestion</b>    | Harmful if swallowed.  |

### **Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | No information available.   |
| <b>Mutagenic Effects</b>        | No information available.   |
| <b>Carcinogenicity</b>          | Contains no ingredients above reportable quantities listed as a carcinogen. |
| <b>Reproductive Toxicity</b>    | No information available.   |
| <b>STOT - single exposure</b>   | No information available.   |
| <b>STOT - repeated exposure</b> | No information available.   |
| <b>Aspiration Hazard</b>        | No information available.   |

**Numerical measures of toxicity - Product**

|                             |  |
|-----------------------------|--|
| <b>Acute Toxicity</b>       | 0% of the mixture consists of ingredient(s) of unknown toxicity.<br><i>The following values are calculated based on chapter 3.1 of the GHS document:</i> |
| <b>LD50 Oral</b>            | 1823 mg/kg; Acute toxicity estimate  |
| <b>LD50 Dermal</b>          | 5000 mg/kg; Acute toxicity estimate  |
| <b>Inhalation dust/mist</b> | 1.2 mg/L; Acute toxicity estimate  |

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**15. REGULATORY INFORMATION****International Inventories****Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes

|                                   |    |
|-----------------------------------|----|
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard                   | No |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

| 16. OTHER INFORMATION |                 |                |                   |                                 |
|-----------------------|-----------------|----------------|-------------------|---------------------------------|
| <b><u>NFPA</u></b>    | Health Hazard 2 | Flammability 0 | Instability 0     | Physical and Chemical Hazards - |
| <b><u>HMIS</u></b>    | Health Hazard 2 | Flammability 0 | Physical Hazard 0 | Personal Protection X           |

|               |  |
|---------------|--|
| Prepared By   | Product Stewardship<br>23 British American Blvd.<br>Latham, NY 12110<br>1-800-572-6501 |
| Issuing Date  | 18-Jun-2015  |
| Revision Date | 18-Jun-2015  |
| Revision Note | Initial Release.   |

**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**