

# SAFETY DATA SHEET.

Issuing date 10-Aug-2015

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Version 1.01

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

### Product identifier

**Product name** 11025 HEAVY DUTY SILICONE

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

**Product code** F02722

**Product Type** Extremely Flammable Aerosol

**Synonyms** None

### Supplier's details

**Recommended Use** Silicone Lubricant.  
**Uses advised against** No information available

**Manufactured For:**  
Etterman Enterprises  
1913 W Hwy 12  
Willmar, MN 56201

### Emergency telephone number

**Chemical Emergency Phone Number** Chemtrec 1-800-424-9300

**Company Emergency Phone Number**

**Emergency telephone** 1-800-852-7713

## 2. HAZARDS IDENTIFICATION

### Classification

|  |                |
|--|----------------|
| Skin corrosion/irritation                        | Category 2     |
| Serious eye damage/eye irritation                | Category 2B    |
| Specific target organ toxicity (single exposure) | Category 3     |
| Aspiration toxicity                              | Category 1     |
| Flammable aerosols                               | Category 1     |
| Gases under pressure                             | Compressed Gas |

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### DANGER

#### Hazard Statements

Causes skin irritation  
 Causes eye irritation  
 May cause respiratory irritation. May cause drowsiness or dizziness.  
 May be fatal if swallowed and enters airways  
 Extremely Flammable Aerosol  
 Contains gas under pressure; may explode if heated



Appearance Clear

Physical state Aerosol

Odor Solvent

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/eye protection/face protection/protective clothing  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flame/hot surfaces.-No smoking.  
 Do not spray on an open flame or other ignition source.  
 Pressurized container: Do not pierce or burn, even after use

#### Precautionary Statements - Response

Specific treatment (see first aid on this label)  
 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  
 IF ON SKIN: Wash with plenty of soap and water.  
 Take off contaminated clothing and wash before reuse  
 If skin irritation occurs: Get medical advice/attention  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 IF SWALLOWED: Immediately call a poison center/doctor  
 Do NOT induce vomiting.

#### Precautionary Statements - Storage

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed.  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None

**Other information**

0.000001% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                  | CAS-No     | Weight %* |
|--------------------------------|------------|-----------|
| PROPANE/ISOBUTANE/N-BUTANE     | 68476-86-8 | 40-50     |
| HYDROTREATED LIGHT DISTILLATES | 64742-47-8 | 30-40     |
| HEPTANE                        | 64742-49-0 | 10-20     |
| ACETONE                        | 67-64-1    | 1-10      |

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

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

|                     |   |
|---------------------|---|
| <b>Eye contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.                           |
| <b>Skin contact</b> | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur. If skin irritation persists, call a physician.             |
| <b>Inhalation</b>   | Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately. |
| <b>Ingestion</b>    | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Call a physician or Poison Control Center immediately.                   |

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

|                      |   |
|----------------------|---|
| <b>Main Symptoms</b> | Causes eye irritation. May cause skin and respiratory irritation. May cause drowsiness or dizziness. Harmful if swallowed and enters airways. |
|----------------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to physician</b> | 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** Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

**Specific hazards arising from the chemical****Explosion Data**

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

**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 contact with skin, eyes and clothing. Avoid breathing vapors or mists. Use with adequate ventilation. Keep can away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

**Environmental precautions**

**Environmental precautions** Vapors can accumulate in low areas. Cover liquid and collect with an inert non-combustible material. Soak up with inert absorbant material. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

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

**Methods for Containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Cover liquid and collect with an inert non-combustible material. Soak up with inert absorbant material. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Contain liquid and collect with an inert, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges. Use personal protective equipment. Dam up. Cover liquid spill with sand, earth, or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

**Precaution: for safe handling**

**Advice on safe handling** Irritating to eyes. Contents under pressure. Do not puncture or incinerate cans. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans.

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

**Technical measures/Storage conditions** Keep containers tightly closed in a dry and well-ventilated place. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up. Keep out of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, oxidizing agents.

Aerosol Level

3

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                                | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|--|---|--|--|
| PROPANE/ISOBUTANE/N-BUTANE<br>68476-86-8     | 74-98-6: TWA: 1000 ppm<br>106-97-8: STEL: 1000 ppm<br>75-28-5: STEL: 1000 ppm | 74-98-6: TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>106-97-8: (vacated) TWA: 800<br>ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>  | 74-98-6: IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>106-97-8: TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>75-28-5: TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup> |
| HYDROTREATED LIGHT DISTILLATES<br>64742-47-8 | TWA: 200 PPM 8 hours  | -  | -  |
| HEPTANE<br>64742-49-0                        | TLV: 400 ppm<br>STEL: 500 ppm   | TWA: 500 ppm   | -  |
| ACETONE<br>67-64-1                           | STEL: 500 ppm<br>TWA: 250 ppm   | TWA: 1000 ppm<br>TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup><br>The acetone STEL does not<br>apply to the cellulose acetate<br>fiber industry. It is in effect for all<br>other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup>   |

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety &amp; Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

#### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Exposure 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

Chemical resistant apron. Protective gloves.

##### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

##### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

Physical state  
Appearance  
Color

Aerosol  
Clear  
Colorless

Odor  
Odor Threshold

Solvent

| <u>Property</u>                        | <u>Values</u>            | <u>Remarks • Methods</u> |
|--|--------------------------|--------------------------|
| pH                                     | No information available |                          |
| Melting/freezing point                 | No information available |                          |
| Boiling point/boiling range            |                          |                          |
| Flash Point                            | -91 °C / -132 °F         | Based on propellant      |
| Evaporation rate                       | No information available |                          |
| Flammability (solid, gas)              | No information available |                          |
| Flammability Limits in Air             |                          |                          |
| upper flammability limit               |                          |                          |
| lower flammability limit               |                          |                          |
| Vapor pressure                         |                          |                          |
| Vapor density                          |                          |                          |
| Specific Gravity                       | 0.70                     |                          |
| Water solubility                       | Practically insoluble    |                          |
| Partition coefficient: n-octanol/water |                          |                          |
| Autoignition temperature               | No information available | Not applicable           |
| Decomposition temperature              |                          |                          |
| Viscosity                              | No information available |                          |
| Explosive properties                   |                          |                          |

**Other information**

VOC Content(%) 59.12

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Strong acids, alkalis, oxidizing agents.

**Hazardous Decomposition Products**

None known

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause respiratory irritation. May cause irritation of respiratory tract.     |
| <b>Eye contact</b>  | Irritating to eyes. Irritating to eyes.  |
| <b>Skin contact</b> | May be irritating to skin. Repeated exposure may cause skin dryness or cracking. |
| <b>Ingestion</b>    | Harmful and may be fatal if swallowed and enters airways and lungs.              |

**Component Information**

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---------------|-----------|-------------|-----------------|
|               |           |             |                 |

|  |                      |                         |                                       |
|--|----------------------|-------------------------|---------------------------------------|
| HYDROTREATED LIGHT DISTILLATES<br>64742-47-8 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h                |
| HEPTANE<br>64742-49-0                        | > 5000 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit ) | = 73680 ppm ( Rat ) 4 h               |
| ACETONE<br>67-64-1                           | = 5800 mg/kg ( Rat ) | -                       | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h |

**Information on toxicological effects****Symptoms**

Causes eye irritation. May cause skin and respiratory irritation. May cause drowsiness or dizziness. Harmful if swallowed and enters airways.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation**

May be irritating to skin.

**Eye damage/irritation**

Irritating to eyes.

**Irritation**

May cause eye, skin, and respiratory irritation.

**Sensitization**

None known.

**Germ Cell Mutagenicity**

Not acutely toxic. May be harmful if swallowed.

**Carcinogenicity**

There are no carcinogenic chemicals in this product.

**Reproductive toxicity**

This product contains a chemical(s) which is a known or suspected reproductive hazard.

**Specific target organ systemic toxicity (single exposure)**

May cause respiratory irritation. May cause drowsiness and dizziness.

**Specific target organ systemic toxicity (repeated exposure)**

May cause damage to target organs listed below through prolonged or repeated exposure.

**Chronic toxicity**

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

**Target Organ Effects**

Eyes, skin, respiratory system, central nervous system, peripheral nervous system.

**Aspiration hazard**

May be harmful if swallowed and enters airways.

**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity**

0.000001% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 4801 mg/kg

ATEmix (dermal) 4438 mg/kg

ATEmix (inhalation-vapor) 132 mg/l

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

| Chemical Name                                | Toxicity to algae | Toxicity to fish  | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates   |
|--|-------------------|---|----------------------------|---|
| HYDROTREATED LIGHT DISTILLATES<br>64742-47-8 | -                 | 45 mg/L LC50 Pimephales promelas 96h flow-through<br>2.2 mg/L LC50 Lepomis macrochirus 96h static<br>2.4 mg/L LC50 Oncorhynchus mykiss 96h static | -                          | -   |
| ACETONE<br>67-64-1                           | -                 | 4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h<br>6210 - 8120 mg/L LC50 Pimephales promelas 96h static<br>8300 mg/L LC50 Lepomis macrochirus 96h   | -                          | 10294 - 17704 mg/L EC50 Daphnia magna 48h Static<br>12600 - 12700 mg/L EC50 Daphnia magna 48h |

**Persistence and degradability****Bioaccumulation**

| Chemical Name                            | log Pow |
|--|---------|
| PROPANE/ISOBUTANE/N-BUTANE<br>68476-86-8 | <=2.8   |
| ACETONE<br>67-64-1                       | -0.24   |

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

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

### 14. TRANSPORT INFORMATION

**DOT Ground** CONSUMER COMMODITY ORM-D  
or  
LIMITED QUANTITY

**IATA** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.

**IMDG** UN1950, AEROSOLS, 2.1, LTD. QTY.

### 15. REGULATORY INFORMATION

#### International Inventories

| Chemical Name                  | TSCA | DSL/NDSL | EINECS/ELINCS | ENCS       | IECSC | KECL | PICCS | AICS |
|--------------------------------|------|----------|---------------|------------|-------|------|-------|------|
| PROPANE/ISOBUTANE/N-BUTANE     | X    | X        | X             | Not listed | X     | X    | X     | X    |
| HYDROTREATED LIGHT DISTILLATES | X    | X        | X             | Not listed | X     | X    | X     | X    |
| HEPTANE                        | X    | X        | X             | Not listed | X     | X    | X     | X    |
| ACETONE                        | X    | X        | X             | X          | X     | X    | X     | X    |

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**CHINA** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

#### U.S. Federal Regulations



**SARA 313**

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 Star Hazard        | Yes |
| Fire Hazard                       | Yes |
| Sudden Release of Pressure Hazard | Yes |
| 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 contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name      | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|--------------------|--------------------------|------------------------------------|--|
| ACETONE<br>67-64-1 | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any known Proposition 65 chemicals.

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

EPA Pesticide Registration Number Not applicable

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

|             |                  |                |                   |                                 |
|-------------|------------------|----------------|-------------------|---------------------------------|
| <b>NFPA</b> | Health Hazard 2  | Flammability 4 | Instability 0     | Physical and chemical hazards - |
| <b>HMIS</b> | Health Hazard 2* | Flammability 4 | Physical Hazard 1 | Personal protection B           |

Prepared By Regulatory Affairs  
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 Revision Note

**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