



# SAFETY DATA SHEET

A CSW Industrials Company

Issuing Date 26-Jul-2016

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Revision Number 1

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

### GHS product identifier

**Product Name** JET-LUBE® - EZY-TURN® #8

### Other means of identification

**Product Code(s)** 945

**Synonyms** EZY-TURN® #8; ILEX EZY-TURN® #8

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

**Recommended Use** Lubricants, Greases and Release Products

**Uses advised against** No information available

### Supplier's details

#### **Manufacturer Address**

Jet-Lube, LLC  
930 Whitmore Dr.  
Rockwall, Texas 75087  
TEL: 972-771-1000  
Toll Free: 1-800-669-6318

### 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 not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

#### Emergency Overview

|  |  |                                     |
|--|--|-------------------------------------|
| <b>Signal Word</b>   | None                                     |                                     |
| The product contains no substances which at their given concentration are considered to be hazardous to health |  |                                     |
| <b>Appearance</b> Green to Blue-green  | <b>Physical State</b> Semi-Solid, Paste. | <b>Odor</b> Seed oil smell (slight) |

### **Precautionary Statements**

- Prevention**
- None

**General Advice**

- None

**Storage**

- None

**Disposal**

- None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

89.6% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** EZY-TURN® #8; ILEX EZY-TURN® #8

| Chemical Name    | CAS-No    | Weight % | Trade secret |
|------------------|-----------|----------|--------------|
| Silicon dioxide  | 7631-86-9 | 2-5      | *            |
| Glycerin         | 56-81-5   | 1-2      | *            |
| Calcium fluoride | 7789-75-5 | 10-15    | *            |

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

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures**

|                                   |  |
|-----------------------------------|--|
| <b>Eye Contact</b>                | Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.  |
| <b>Skin Contact</b>               | Wash skin with soap and water. If skin irritation persists, call a physician.  |
| <b>Inhalation</b>                 | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.  |
| <b>Ingestion</b>                  | Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediate medical attention is not required. Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary |
| <b>Protection of First-aiders</b> | Use personal protective equipment.   |

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

**Most Important Symptoms/Effects** No information available.

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

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

Burning produces obnoxious and toxic fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Sulfur oxides

**Explosion Data**

Sensitivity to Mechanical Impact None.  
 Sensitivity to Static Discharge 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** Use personal protective equipment. Ensure adequate ventilation.

**Environmental Precautions**

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. 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** Take up mechanically and collect in suitable container for disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

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

**Storage** Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** Strong oxidizing agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical Name                 | ACGIH TLV                      | OSHA PEL   | NIOSH IDLH   |
|-------------------------------|--------------------------------|--|--|
| Silicon dioxide<br>7631-86-9  | 10 mg/m <sup>3</sup>           | 20 mppcf TWA; ((80)/(% SiO <sub>2</sub> ))<br>mg/m <sup>3</sup> )    | IDLH: 3000 mg/m <sup>3</sup><br>TWA: 6 mg/m <sup>3</sup> |
| Glycerin<br>56-81-5           | TWA: 10 mg/m <sup>3</sup> mist | -  | -  |
| Calcium fluoride<br>7789-75-5 | TWA: 2.5 mg/m <sup>3</sup> F   | TWA: 2.5 mg/m <sup>3</sup> F<br>(vacated) TWA: 2.5 mg/m <sup>3</sup> | -  |

*Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:*

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                         |                       |                          |
|-----------------------|-------------------------|-----------------------|--------------------------|
| <b>Physical State</b> | Semi-Solid, Paste       | <b>Appearance</b>     | Green to Blue-green      |
| <b>Odor</b>           | Seed oil smell (slight) | <b>Odor Threshold</b> | No information available |

| <u>Property</u>                        | <u>Values</u>       | <u>Remarks/ - Method</u> |
|--|---------------------|--------------------------|
| pH                                     | Neutral             | None known               |
| Melting Point/Range                    | NONE                | None known               |
| Boiling Point/Boiling Range            | > 315 °C            | None known               |
| Flash Point                            | > 232 °C            | None known               |
| Evaporation rate                       | No data available   | None known               |
| Flammability (solid, gas)              | No data available   | None known               |
| Flammability Limits in Air             |                     |                          |
| upper flammability limit               | No data available   |                          |
| lower flammability limit               | No data available   |                          |
| Vapor Pressure                         | No data available   | None known               |
| Vapor Density                          | No data available   | None known               |
| Specific Gravity                       | 1.22                | None known               |
| Water Solubility                       | Insoluble in water. | None known               |
| Solubility in other solvents           | Insoluble           | None known               |
| Partition coefficient: n-octanol/water | No data available   | None known               |
| Autoignition Temperature               | No data available   | None known               |
| Decomposition Temperature              | No data available   | None known               |
| Viscosity                              | >600,000 cP         | None known               |

**Flammable Properties** Not flammable

**Explosive Properties** No data available

**Oxidizing Properties** No data available

### Other information

**VOC Content (%)** None

## 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

Heat, flames and sparks.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

None known based on information supplied.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | None known.  |
| <b>Eye Contact</b>  | None known.  |
| <b>Skin Contact</b> | None known.  |
| <b>Ingestion</b>    | Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

| Chemical Name    | LD50 Oral             | LD50 Dermal             | LC50 Inhalation       |
|------------------|-----------------------|-------------------------|-----------------------|
| Silicon dioxide  | > 5000 mg/kg ( Rat )  | > 2000 mg/kg ( Rabbit ) | >2.2 mg/L ( Rat ) 4 h |
| Glycerin         | = 12600 mg/kg ( Rat ) | 21900 mg/kg ( Rat )     | -                     |
| Calcium fluoride | = 4250 mg/kg ( Rat )  |                         |                       |

**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**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name   | ACGIH | IARC    | NTP | OSHA |
|-----------------|-------|---------|-----|------|
| Silicon dioxide |       | Group 3 |     |      |

**IARC: (International Agency for Research on Cancer)**

Group 3: Not Classifiable as to its Carcinogenicity to Humans

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** 89.6% of the mixture consists of ingredient(s) of unknown toxicity.

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

The environmental impact of this product has not been fully investigated.

| Chemical Name                | Toxicity to Algae  | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                     |
|------------------------------|--|---|----------------------------|--|
| Silicon dioxide<br>7631-86-9 | EC50 72 h: = 440 mg/L<br>(Pseudokirchneriella subcapitata) | LC50 96 h: = 5000 mg/L<br>static (Brachydanio rerio)    |                            | EC50 48 h: = 7600 mg/L<br>(Ceriodaphnia dubia) |
| Glycerin<br>56-81-5          | -  | LC50 96 h: 51 - 57 mL/L<br>static (Oncorhynchus mykiss) | -                          | EC50 24 h: > 500 mg/L<br>(Daphnia magna)       |

**Persistence and Degradability** No information available.

| Chemical Name    | LD50 Oral            | LD50 Dermal | LC50 Inhalation |
|------------------|----------------------|-------------|-----------------|
| Calcium fluoride | = 4250 mg/kg ( Rat ) | -           | -               |

**Bioaccumulation**

| Chemical Name | Log Pow |
|---------------|---------|
| Glycerin      | -1.76   |

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Do not re-use empty containers.

| Chemical Name    | California Hazardous Waste |
|------------------|----------------------------|
| Calcium fluoride | Toxic                      |

**14. TRANSPORT INFORMATION****DOT** Not regulated**TDG** Not regulated**MEX** Not regulated**ICAO** Not regulated**IATA** Not regulated**IMDG/IMO** Not regulated**RID** Not regulated**ADR** Not regulated**ADN** Not regulated**15. REGULATORY INFORMATION I****International Inventories**

**TSCA** Complies  
**DSL** All components are listed either on the DSL or NDSL.

**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               | No |
| 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**

| Chemical Name    | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|------------------|------------|---------------|--------------|----------|--------------|
| Calcium fluoride |            |               |              |          | X            |

**International Regulations**

**Mexico - Grade** Minimum risk, Grade 0

**Canada**

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

**WHMIS Hazard Class**

**16. OTHER INFORMATION**

|                    |                        |                       |                          |  |
|--------------------|------------------------|-----------------------|--------------------------|--|
| <b><u>NFPA</u></b> | <b>Health Hazard 1</b> | <b>Flammability 1</b> | <b>Instability 0</b>     | <b>Physical and Chemical Hazards -</b> |
| <b><u>HMIS</u></b> | <b>Health Hazard 1</b> | <b>Flammability 1</b> | <b>Physical Hazard 0</b> | <b>Personal Protection X</b>           |

**Prepared By** Product Stewardship  
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 1-800-572-6501

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**Revision Note** Updated company information.

**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**