



A CSW Industrials Company

# SAFETY DATA SHEET

Issuing Date 20-Apr-2015

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Revision Number 1

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

### GHS product identifier

**Product Name** EZY OPEN™

### Other means of identification

**Product Code(s)** 989, 990

**Synonyms** ILEX EZY OPEN™

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

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

**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 considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Reproductive Toxicity	Category 1B
Flammable liquids	Category 4

### GHS Label elements, including precautionary statements

#### Emergency Overview

<b>Signal Word</b>	<b>Danger</b>
<b>Hazard Statements</b>	
<ul style="list-style-type: none"> <li>• May damage fertility or the unborn child</li> <li>•</li> <li>• Combustible liquid.</li> </ul>	

**Appearance** Pale yellow**Physical State** Liquid, Gel.**Odor** Mild solvent to pungent**Precautionary Statements****Prevention**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.

**General Advice**

- If exposed or concerned: Get medical attention/advice

**Fire**

- In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Storage**

- Store locked up.
- Store in a well-ventilated place. Keep cool.

**Disposal**

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

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

64.4% of the mixture consists of ingredient(s) of unknown toxicity.

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

ILEX EZY OPEN™

Chemical Name	CAS-No	Weight %	Trade secret
Dipropylene glycol monomethyl ether	34590-94-8	20-25	*
1-Methyl-2-pyrrolidone	872-50-4	5-10	*
Silicon dioxide	7631-86-9	5-10	*

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

**4. FIRST AID MEASURES****Description of necessary first-aid measures****Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact**

Wash skin with soap and water. If skin irritation persists, call a physician.

**Inhalation**

Move to fresh air.

**Ingestion**

Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary

**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**

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

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

**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** Remove all sources of ignition. Use personal protective equipment.

**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.

**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 with inert, damp, noncombustible material using clean non-sparking tools and place into loosely plastic containers for later disposal

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Keep away from open flames, hot surfaces and sources of ignition. Wear personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling.

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

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep product and empty container away from heat and sources of ignition.

**Incompatible Products** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m <sup>3</sup> (vacated) S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>
Silicon dioxide 7631-86-9	10 mg/m <sup>3</sup>	20 mppcf TWA; ((80)/(% SiO <sub>2</sub> )) mg/m <sup>3</sup> )	IDLH: 3000 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup>

**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.

**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**

<b>Physical State</b>	Liquid, Gel	<b>Appearance</b>	Pale yellow.
<b>Odor</b>	Mild solvent to pungent	<b>Odor Threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks/ - Method</b>
<b>pH</b>	Neutral	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	199-260 °C / 390-500 °F	None known
<b>Flash Point</b>	> 75 °C / 167 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
upper flammability limit	No data available	
lower flammability limit	No data available	
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	No data available	None known
<b>Specific Gravity</b>	0.96	None known
<b>Water Solubility</b>	No data available	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>	Gel	None known
<b>Flammable Properties</b>	Combustible liquid.	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

**Other information**

VOC Content (%) 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. 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
Dipropylene glycol monomethyl ether	= 5230 mg/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-
1-Methyl-2-pyrrolidone	= 3598 mg/kg ( Rat )	= 8 g/kg ( Rabbit )	= 3.1 mg/L ( Rat ) 4 h
Silicon dioxide	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	>2.2 mg/L ( Rat ) 4 h

### 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** Contains no ingredients above reportable quantities listed as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Silicon dioxide		Group 3		

**Reproductive Toxicity** May damage fertility or the unborn child  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** 64.4% of the mixture consists of ingredient(s) of unknown toxicity.  
*The following values are calculated based on chapter 3.1 of the GHS document:*  
**LD50 Oral** 5513 mg/kg; Acute toxicity estimate  
**LD50 Dermal** 10796 mg/kg; Acute toxicity estimate  
**Inhalation dust/mist** 12 mg/L; Acute toxicity estimate

**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)
Dipropylene glycol monomethyl ether 34590-94-8		LC50 96 h: > 10000 mg/L static (Pimephales promelas)		LC50 48 h: = 1919 mg/L (Daphnia magna)
1-Methyl-2-pyrrolidone 872-50-4	EC50 72 h: > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 832 mg/L static (Lepomis macrochirus) LC50 96 h: = 1072 mg/L static (Pimephales promelas) LC50 96 h: = 1400 mg/L static (Poecilia reticulata) LC50 96 h: = 4000 mg/L static (Leuciscus idus)		EC50 48 h: = 4897 mg/L (Daphnia magna)
Silicon dioxide 7631-86-9	EC50 72 h: = 440 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 5000 mg/L static (Brachydanio rerio)		EC50 48 h: = 7600 mg/L (Ceriodaphnia dubia)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Dipropylene glycol monomethyl ether	-0.064
1-Methyl-2-pyrrolidone	-0.46

**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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Dipropylene glycol monomethyl ether	34590-94-8	20-25	1.0
1-Methyl-2-pyrrolidone	872-50-4	5-10	1.0

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	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 contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
1-Methyl-2-pyrrolidone	872-50-4	Developmental

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

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Dipropylene glycol monomethyl ether	X	X	X	X	X
1-Methyl-2-pyrrolidone	X	X	X		
Silicon dioxide	X	X	X		

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## 16. OTHER INFORMATION

<b>NFPA</b>	Health Hazard 1	Flammability 2	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 1*	Flammability 2	Physical Hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

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<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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<b>Revision Note</b>	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**