



HOUGHTON®

Revision Date 05-04-2018

Version 3

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

<b>Product Code(s)</b>	07130000-M
<b>Product Name</b>	COSMOLUBRIC HF-130
<b>Recommended Use</b>	Hydraulic Fluid
<b>Uses advised against</b>	Any other purpose.

### **Manufacturer, Importer, Supplier**

Houghton International Inc.  
Madison & Van Buren Aves.  
Valley Forge, PA 19482  
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Jalisco CP. 44160,  
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Phone: +52-333-615-9331

### Emergency telephone number

**United States of America/Canada :** 3E Company - 1-866-519-4752 ( Code 333938 )  
**Mexico :** 3E Company - +52 55 41696225 ( Code 333938 )

## SECTION 2: HAZARDS IDENTIFICATION

### Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Workplace Hazardous Materials Information System (WHMIS) 2015

Not classified

### Label elements

### **Precautionary Statements**

#### **Precautionary Statements - Prevention**

Not applicable

#### **Precautionary Statements - Response**

Not applicable

### Hazards not otherwise classified (HNOC)

<b>Health</b>	Not Applicable.
<b>Physical</b>	Not Applicable.

**Other Information**

Not applicable

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

This product is a mixture. Health hazard information is based on its ingredients.

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

**SECTION 4: FIRST AID MEASURES****Description of first-aid measures**

<b>General advice</b>	If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice.
<b>Protection of First-aiders</b>	Use personal protective equipment.

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

<b>Main Symptoms</b>	None
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**Indication of immediate medical attention and special treatment needed**

<b>Notes to physician</b>	Treat symptomatically.
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**SECTION 5: FIRE FIGHTING MEASURES****Extinguishing media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment; Use CO2, dry chemical, or foam, Water spray or fog

**Extinguishing media which shall not be used for safety reasons**

None

**Special hazards arising from the substance or mixture****Special Hazard**

This material creates a fire hazard because it floats on water.

**Hazardous decomposition products**

None under normal use

**Advice for firefighters**

**Special protective equipment for fire-fighters**

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

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

**Advice for non-emergency personnel**

Material can create slippery conditions.

**Advice for emergency responders** For personal protection see section 8.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dike to collect large liquid spills. After cleaning, flush away traces with water.

**Reference to other sections**

See Section 8/12/13 for additional information

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling**

Ensure adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures between 5 and 40 °C.

**Recommended Shelf Life**

Shelf life 12 months.

**Incompatible materials**

Strong oxidizing agents, Strong acids, Strong bases

**Specific end uses****Specific use(s)**

Hydraulic Fluid

**SECTION 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.

**Exposure controls**

<b>Engineering Measures</b>	Showers
	Eyewash stations
	Ventilation systems.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	Wear protective gloves/clothing.
<b>Respiratory protection</b>	No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	<b>Appearance</b>	clear amber
<b>Odor</b>	ester-like	<b>Odor threshold</b>	Not Determined

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	Not applicable	
<b>Melting point / freezing point</b>	Not Determined	
<b>Boiling point / boiling range</b>	Not Determined	
<b>Flash point</b>	304 °C / 579 °F	Cleveland Open Cup
<b>Evaporation rate</b>	Not Determined	
<b>Flammability (solid, gas)</b>	Not Determined	
<b>Flammability Limit in Air</b>		
Upper flammability limit:	Not Determined	
Lower flammability limit:	Not Determined	
<b>Vapor pressure</b>	Not Determined	
<b>Vapor density</b>	Not Determined	
<b>Relative density</b>	0.92	@ 15.5°C
<b>Solubility(ies)</b>	Insoluble in water	
<b>Partition coefficient</b>	Not Determined	
<b>Autoignition temperature</b>	Not Determined	
<b>Decomposition temperature</b>	Not Determined	
<b>Kinematic viscosity</b>	Not Determined	
<b>Explosive properties</b>	Not applicable	
<b>Oxidizing Properties</b>	Not applicable	

**Other Information**

<b>Viscosity, kinematic (100°C)</b>	Not Determined	
<b>Pour Point</b>	Not Determined	
<b>VOC Content (ASTM E-1868-10)</b>	1 g/L	ASTM E-1886-10
<b>VOC content</b>	Not Determined	

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

None under normal use conditions

**Chemical stability**

Stable under normal conditions

**Possibility of hazardous reactions**

None under normal use conditions

**Conditions to avoid**

Heat, flames and sparks, Keep away from open flames, hot surfaces and sources of ignition

**Incompatible materials**

Strong oxidizing agents, Strong acids, Strong bases

**Hazardous decomposition products**

None under normal use conditions

## SECTION 11: TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<b>Product Information</b>	There is no data available for this product.
<b>Inhalation</b>	Based on available data, the classification criteria are not met
<b>Eye contact</b>	Based on available data, the classification criteria are not met
<b>Skin contact</b>	Based on available data, the classification criteria are not met
<b>Ingestion</b>	Based on available data, the classification criteria are not met
<b>Component Information</b>	Non-hazardous ingredients

**Information on toxicological effects**

<b>Symptoms</b>	No information available.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met
<b>Sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (single exposure)</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (repeated exposure)</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

No special environmental measures are necessary

**Persistence and degradability** No information available.

**Bioaccumulation**

**Mobility** The product is insoluble and floats on water. Is not likely mobile in the environment due its low water solubility.

**Other adverse effects** No information available

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste treatment methods**

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

**Contaminated packaging** Observe all label precautions until container is cleaned, reconditioned or destroyed.

**SECTION 14: TRANSPORT INFORMATION**

**DOT** Not Regulated

**TDG** Not Regulated

**MEX** Not Regulated

**IATA** Not Regulated

**IMDG** Not Regulated

**SECTION 15: REGULATORY INFORMATION****International Inventories**

Inventory information may be utilizing alternative CAS#s or exemptions beyond those stated within this document For further information, please contact: ProductStewardship@houghtonintl.com

<b>TSCA</b>	Complies
<b>DSL</b>	All Components are NOT on the Chemical Inventory
<b>AICS</b>	Complies
<b>PICCS</b>	Complies
<b>KECL</b>	Complies
<b>IECSC</b>	Complies
<b>ENCS</b>	Does not Comply
<b>TCSI</b>	Does not Comply
<b>NZIoC</b>	Does not Comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**AICS** - Australian Inventory of Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**TCSI** - Taiwan National Existing Chemical Inventory  
**NZIoC** - New Zealand Inventory of Chemicals

**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**

- No EPCRA 311/312 hazards

**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).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Cyclohexane	1000 lb			X
Styrene	1000 lb			X

**CERCLA**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this regulation, 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****SCAQMD Rule 1144**

The sale or distribution in the SCAQM District of California for metal working fluids or direct-contact lubricants is allowed if EITHER the VOC of the product itself OR the VOC of the diluted product at the point of use is less than the following limits: (1) 75 g VOC/L for metal forming, metal removal, metal treating; (2) 50 g VOC/L for metal protection, direct-contact lubricant. The VOC of this product as sold is: 1 g/L gVOC/L (ASTM E-1868-10)

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**International Regulations****Ozone-depleting substances (ODS)**

Not applicable

**Persistent Organic Pollutants**

Not applicable

**Chemicals Subject to Prior Informed Consent (PIC)**

Not applicable

**Other Information**

Not applicable

**SECTION 16: OTHER INFORMATION**

**NFPA**                      **Health hazards** 0                      **Flammability** 1                      **Instability** 0                      **Physical and chemical properties** -

**Key or legend to abbreviations and acronyms used in the safety data sheet**

STOT SE - Specific target organ systemic toxicity (Single exposure)  
STOT RE - Specific target organ systemic toxicity (repeated exposure)  
VOC - Volatile organic compounds

**Revision Date**                      05-04-2018

**Revision Note**                      This SDS has been revised in the following section(s), 2, 3, 8, 11

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**