

# THE THERMAL-LUBE

## SDS - SAFETY DATA SHEET

**XL-0751**

Revision Date: 30<sup>th</sup> of March 2016

### Section 1 Chemical Product and Company Information

**Product Name:** XL-0751 – Oil Conditioner

**Manufacturer Identification:** Thermal-Lube Inc.  
255 Labrosse avenue  
Pointe-Claire, Qc  
H9R 1A3  
Tel: 1-800-567-5823  
Fax: 514-694-8628

**Validation date:** 30<sup>th</sup> of March 2016

**Product Uses:** Lubricating oil for Industrial uses exclusively.

**CANUTEC**

(613) 996-6666

Poison Control Centre: Consult local telephone directory for emergency numbers

### Section 2 Hazards Identification (GHS)

#### EMERGENCY OVERVIEW

Not expected to produce significant adverse health effects when the recommended instructions for use are followed. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Not Classified.

#### Classification Label elements

**Pictogram:** None.

**Signal word:** No signal word.

**Hazard statements:** No known significant effects or critical hazards.

#### Precautionary statements:

**Prevention:** Not applicable.

**Response:** Not applicable.

**Storage:** Not applicable.

**Disposal:** Not applicable.

#### Other:

None known.

### Section 3 Ingredients

**Mixture** Product added.

Chemical Component	% weight	CAS number	LD <sub>50</sub> /LC <sub>50</sub>	Exposure
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No Hazardous ingredient

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

## Section 4 FIRST AID MEASURES

<b>OVERVIEW</b>	Not expected to produce significant adverse health effects when the recommended instructions for use are followed.
<b>Potential Health Effects:</b>	
<b>Eyes</b>	Slightly irritating to eyes Flush thoroughly with water. If irritation occurs, get medical assistance.
<b>Skin</b>	Slightly irritating to skin. Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.
<b>Inhalation</b>	No known significant effects or critical hazards under normal conditions of intended use.
<b>Ingestion</b>	No known significant effects or critical hazards. First aid is normally not required. Seek medical attention if discomfort occurs.
<b>Acute Health Effects:</b>	Slightly irritating to the skin and the eyes.
<b>Chronic Health Effects:</b>	None known.
<b>Notes to Physician:</b>	Treat symptomatically.

## Section 5 Fire-Fighting Measures

<b>Flammability of product:</b>	This product is flammable if surroundings are on fire.
<b>Flash point (°C):</b>	270 typical, open cup.
<b>Auto-ignition Temp. (°C):</b>	310
<b>Extinguishing media:</b>	Carbon dioxide, dry chemical, foam or water fog. Unsuitable Extinguishing Media: Straight streams of water.
<b>Special firefighting procedures:</b>	Solid streams of water are likely to spread the fire. Use water spray only to cool outside of containers
<b>Hazardous Products of Combustion:</b>	Carbon oxides (CO <sub>x</sub> ), nitrogen oxides (NO <sub>x</sub> ), sulphur oxides (SO <sub>x</sub> ), butane, aldehydes, fume and irritating smoke from incomplete combustion.
<b>Unusual Fire and Explosion Hazards:</b>	Stable at ambient temperatures and pressures
<b>Explosion Data:</b>	Will not occur – not sensitive to static discharge or mechanical impact
<b>Fire Fighters</b>	Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

## Section 6 Accidental Release Measures

<b>Spill Procedures:</b>	Stop the spill / leak if possible without presenting a risk. Assure that ventilation is adequate. Evacuate the affected area and surroundings. Sweep / pump the product, ensuring that the spill is contained. Apply the absorbent material on the residue. Discarded product must be disposed of in accordance with the provincial / state and local environmental regulations. Never dispose the product in a drainage system that leads to the public sewer
<b>Personal Precautions:</b>	Do not take any measures that might put personal safety at risk. Wear appropriate respiratory device, and appropriate personal protective equipment (see section 8)

## Section 7 Handling and Storage

<b>Handling Temperature:</b>	Ambient conditions.
<b>Handling Procedures:</b>	Product is combustible. Open flames, strong oxidizers, and other sources of ignition should be eliminated from the handling area (see section 10)
<b>Storage Temperature:</b>	Ambient conditions maximum 40°C.
<b>Storage Procedures:</b>	Keep containers closed to avoid contamination from airborne dust etc. Observe pertinent local fire regulations. Keep away from incompatible products (see section 10)

## Section 8 Exposure Controls, Personal Protection, and Exposure Limits

<b>Engineering Controls:</b>	No special equipment required, except general ventilation to control the amount of suspended molecules in the air and limit exposure
<b>Personal Protection:</b>	Wearing of safety glasses, face shields, respiratory protection, aprons, long sleeves, gloves and safety boots. Local ventilation may be required to control exposure levels if aerosols are generated during application
<b>Hygiene Measures:</b>	Wash hands, eyes, mouth, change clothing prior to eating/smoking/leaving area.
<b>Exposure Limits:</b>	5 mg/m <sup>3</sup> Oil Mist Particulate if there is generation of an oil mist.

## Section 9 Physical and Chemical Properties

<b>Physical State:</b>	Liquid.
<b>Appearance:</b>	Sticky paste.
<b>Colour:</b>	Clear amber to brown depending on grade.
<b>Odour:</b>	Petroleum type
<b>Freezing/Melting Point:</b>	< -15°C
<b>Boiling/Condensation Point:</b>	> 220°C
<b>Vapour Pressure:</b>	Not applicable
<b>Specific Gravity (g/ml):</b>	0.9 typical.
<b>Vapour Density:</b>	Not applicable
<b>Solubility in water:</b>	Not soluble
<b>Volatile Fraction (V%):</b>	0
<b>Evaporation Rate:</b>	Not applicable
<b>Viscosity:</b>	1500 cSt @ 50°C

## Section 10 Stability and Reactivity

<b>Conditions for Chemical Stability:</b>	Product is stable. Keep away from incompatible products.
<b>Conditions for Thermal Stability:</b>	Product is stable. Keep this product away from high temperature conditions and potential sources of ignition.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Product Incompatibility:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Carbon oxides (CO <sub>x</sub> ), may emit butane, acrolein and other irritating vapours at combustion temperatures.
<b>Corrosivity:</b>	None. Will protect against corrosion.

## Section 11 Toxicological Information

<b>Irritancy:</b>	Negligible irritation to skin at ambient temperatures. Based on assessment of the components. May cause mild, short-lasting discomfort to eyes. Based on assessment of the components. Ingestion of this product can result in an irritation, nausea or diarrhoea. Minimally Toxic. Based on assessment of the components.
<b>Reproductive toxicity:</b>	Not expected to be a reproductive toxicant. Based on assessment of the components.
<b>Carcinogenicity:</b>	Not expected to cause cancer. Based on assessment of the components.
<b>Mutagenicity:</b>	Not available
<b>Teratogenicity:</b>	Not available
<b>Effects of Acute Exposure:</b>	Not available
<b>Effects of Chronic exposure:</b>	Prolonged and frequent contact and absorption by the skin can lead to a coetaneous irritation and dermatitis. Minimally Toxic. Based on assessment of the components. Not available

## Section 12 Ecological Information

### ENVIRONMENTAL FATE

<b>Atmosphere:</b>	Not available. Loss by evaporation is limited.
<b>Water:</b>	Not available. The product is insoluble.
<b>Soil:</b>	Base oil component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.
<b>Bioaccumulation Properties:</b>	This product is not, or does not contain, a substance that is a PBT or a vPvB. Not readily biodegradable.
<b>Products of Biodegradation:</b>	Not available

## Section 13 Disposal Considerations

<b>Treatment:</b>	Dispose of the surplus and the non-recyclable products by means of a specialized authority, in accordance with the regional, national and local applicable laws and regulations. This material is considered as hazardous waste pursuant to Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that Directive applies.
<b>Recycling Options:</b>	Reuse the empty containers if possible, after rinsing them well, or for application of another similar product

## Section 14 Transport Information

<b>Full Shipping Name for Export, Air, Sea (any quantity):</b>	Lubricant, Non-Hazardous - All Modes of Transportation
<b>Special Provisions:</b>	
<b>LAND (ADR/RID):</b>	14.1-14.6 Not Regulated for Land Transport
<b>SEA (IMDG/IMO):</b>	14.1-14.6 Not Regulated for Sea Transport according to IMDG-Code
<b>AIR (ICAO/IATA):</b>	Not regulated.
<b>DOT classification:</b>	Not regulated
<b>UN number:</b>	Not regulated as a dangerous good
<b>UN proper shipping name:</b>	Not regulated as a dangerous good
<b>Special Shipping Instructions:</b>	None

## Section 15

## Regulatory Information

### Chemical Inventory:

This product or all of its components are currently listed or exempt from listing/notification on the following chemical inventories: AICS, ENCS, KECI, PICCS, TSCA.

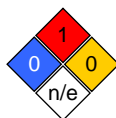
## Section 16

## Other Information

### Hazardous Material Information System (USA):

Health	0
Flammability	1
Physical Hazards	0
Personal Protection	

### National Fire Protection Association (USA):



### Precautionary Labels:

None

### Date of Printing:

March 30, 2016

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### Date of Previous Issue:

2010-04-20 by Josh Pinchuk

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