

THE THERMAL-LUBE

SDS - SAFETY DATA SHEET

MCG02HT, MCG014THT MOLD GREASE

March 2016

Section 1 Chemical Product and Company Information

Product Name: XL-0615 – Synthetic Grease

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

Validation date: 30th of March 2016

Product Uses: Lubricating oil for Industrial uses exclusively as recommended by Pacline corporation.

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 ₅₀ /LC ₅₀	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

OVERVIEW	Not expected to produce significant adverse health effects when the recommended instructions for use are followed.
Potential Health Effects:	
Eyes	Slightly irritating to eyes Flush thoroughly with water. If irritation occurs, get medical assistance.
Skin	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.
Inhalation	No known significant effects or critical hazards under normal conditions of intended use.
Ingestion	No known significant effects or critical hazards. First aid is normally not required. Seek medical attention if discomfort occurs.
Acute Health Effects:	Slightly irritating to the skin and the eyes.
Chronic Health Effects:	None known.
Notes to Physician:	Treat symptomatically.

Section 5 Fire-Fighting Measures

Flammability of product:	This product is flammable if surroundings are on fire.
Flash point (°C):	260 typical, open cup.
Auto-ignition Temp. (°C):	310
Extinguishing media:	Carbon dioxide, dry chemical, foam or water fog. Unsuitable Extinguishing Media: Straight streams of water.
Special firefighting procedures:	Solid streams of water are likely to spread the fire. Use water spray only to cool outside of containers
Hazardous Products of Combustion:	Carbon oxides (CO _x), nitrogen oxides (NO _x), sulphur oxides (SO _x), butane, aldehydes, fume and irritating smoke from incomplete combustion.
Unusual Fire and Explosion Hazards:	Stable at ambient temperatures and pressures
Explosion Data:	Will not occur – not sensitive to static discharge or mechanical impact
Fire Fighters	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

Spill Procedures:	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
Personal Precautions:	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

Handling Temperature:	Ambient conditions.
Handling Procedures:	Product is combustible. Open flames, strong oxidizers, and other sources of ignition should be eliminated from the handling area (see section 10)
Storage Temperature:	Ambient conditions maximum 40°C.
Storage Procedures:	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

Engineering Controls:	No special equipment required, except general ventilation to control the amount of suspended molecules in the air and limit exposure
Personal Protection:	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
Hygiene Measures:	Wash hands, eyes, mouth, change clothing prior to eating/smoking/leaving area.
Exposure Limits:	5 mg/m ³ Oil Mist Particulate if there is generation of an oil mist.

Section 9 Physical and Chemical Properties

Physical State:	Solid.
Appearance:	Sticky paste.
Colour:	Yellow.
Odour:	Odourless.
Freezing/Melting Point:	< -15°C
Boiling/Condensation Point:	> 220°C
Vapour Pressure:	Not applicable
Specific Gravity (g/ml):	0.90 typical for grade /002.
Vapour Density:	Not applicable
Solubility in water:	Not soluble
Volatile Fraction (V%):	0
Evaporation Rate:	Not applicable
Viscosity:	Standard NLGI grades for greases. Grade NLGI 2 for grade /002.

Section 10 Stability and Reactivity

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

Section 11 Toxicological Information

Irritancy:	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.
Reproductive toxicity:	Not expected to be a reproductive toxicant. Based on assessment of the components.
Carcinogenicity:	Not expected to cause cancer. Based on assessment of the components.
Mutagenicity:	Not available
Teratogenicity:	Not available
Effects of Acute Exposure:	Not available
Effects of Chronic exposure:	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

Atmosphere:	Not available. Loss by evaporation is limited.
Water:	Not available. The product is insoluble.
Soil:	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.
Bioaccumulation Properties:	This product is not, or does not contain, a substance that is a PBT or a vPvB. Not readily biodegradable.
Products of Biodegradation:	Not available

Section 13 Disposal Considerations

Treatment:	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.
Recycling Options:	Reuse the empty containers if possible, after rinsing them well, or for application of another similar product

Section 14 Transport Information

Full Shipping Name for Export, Air, Sea (any quantity):	Grease, Non-Hazardous - All Modes of Transportation
Special Provisions:	
LAND (ADR/RID):	14.1-14.6 Not Regulated for Land Transport
SEA (IMDG/IMO):	14.1-14.6 Not Regulated for Sea Transport according to IMDG-Code
AIR (ICAO/IATA):	Not regulated.
DOT classification:	Not regulated
UN number:	Not regulated as a dangerous good
UN proper shipping name:	Not regulated as a dangerous good
Special Shipping Instructions:	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

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