

SYNTHETIC LUBRICANTS, INC

1411 Callaghan Drive
Greenville, MI 48838

MATERIAL SAFETY DATA SHEET

Date of Preparation: October 15, 2009
Revision Number: 1
Emergency Telephone Number: (616) 754-1050

Product Name

SYNCON-2
Machining Oil

Section I: Ingredients

Name of Ingredient: Proprietary Mixture

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<u>CHEMICAL NAME:</u>	<u>CAS #</u>	<u>%</u>
Severely solvent refined light paraffinic residium	64741-89-5	85-100
Proprietary Ingredients		Remainder
WHMIS Classification	Not Controlled	

Section II: Physical Data

Boiling Point:	492° to 563° F (256° to 295° C)
Vapor Pressure:	<0.1kPa (<1mm Hg) (at 20° C)
Vapor Density:	Not determined
Solubility in Water:	Negligible solubility in cold water
pH	Not Applicable
Specific Gravity:	0.83 (Water = 1)
Appearance:	Clear liquid
Odor:	Mild petroleum Odor
Volatility:	Slightly volatile
Viscosity: (cSt @ 40° C)	4

Section III: Fire & Explosion Data

Flash Point:	Closed cup: 264°F (129°C) Open cup: 275°F (135°C)
Auto ignition Temp.:	Not determined
Flammable Limits:	LFL & UFL: unknown
Extinguishing Media:	Dry Chemical, Foam, Carbon Dioxide or Water Fog
Explosion Hazards:	Intense heat can cause drums to rupture. Cool fire-exposed containers with water. Combustion may produce oxides of C, N, S, HC, and HCL.
Fire Fighting Equip:	Treat as hot oil. Fire fighters should wear NIOSH approved self-contained breathing apparatus.
Special Properties:	This material can burn but will not readily ignite. Material will release vapors when heated above the flash point temperature that can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.

Section IV: Reactivity Data

Stability: Stable under normal storage and use conditions.
Incompatibility: Keep away from heat, flame and other potential ignition sources.
(Materials to Avoid) Strong oxidizers.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and oxides of sulfur and/or nitrogen.

Section V: Environmental & Disposal

Spillage: Treat as oil spill. Dike area, clean up with absorbents. Do not flush into drain or sewer. Place in DOT approved container for disposal.
Disposal Method: Used coolant must be disposed of by a waste management facility. Dispose of according to federal, state and local regulations. Empty drums and pails should be drained completely, properly sealed, and promptly sent to a reconditioner.

Section VI: Health Hazard Data

Eye Contact: Contact may cause irritation. Symptoms include stinging, watering, redness, and swelling
Skin Contact: Repeated contact may cause irritation.
Ingestion: Mild irritation to the digestive tract or cause a laxative effect. If aspirated into the lungs, this material can cause sever lung damage or death
Inhalation: At elevated temperatures or in enclosed spaces, product mist/vapors may irritate the mucous membranes of the nose, the throat, bronchi and lungs.
Systemic (other target organ) May cause damage to: kidneys, liver, upper respiratory tract, skin
Carcinogenicity: This product is not known to contain any components at concentrations above 0.1% which are considered carcinogenic by OSHA, IARC or NTP

Section VII: First Aid

Eyes: Flush with cool, clean, low-pressure water, occasionally lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.
Skin: Remove contaminated clothing. Wipe off excess. Wash thoroughly with soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists.
Ingestion: Do not induce vomiting or give anything to drink unless instructed by a physician. Obtain medical assistance immediately if irritation or discomfort occurs
Inhalation: Remove to fresh air. If symptoms persist, consult a physician.
Note to Physician: INGESTION: This material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position

Section VIII: Handling/Storage Precautions

Handling: Avoid contamination and extreme temperatures to minimize product degradation. Empty containers may contain product residues that can ignite with explosive force. Do not pressurize, cut, weld, braze solder, drill, and grind or expose containers to flames, sparks, heat or other potential ignition sources. Consult appropriate federal, states and local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers and/or waste residues of this product.

Storage: Keep container closed. Store in a cool, dry, well-ventilated area. Do not store with strong oxidizing agents. Do not store at elevated temperatures. Avoid storing product in direct sunlight for extended periods of time. Consult appropriate federal, state and local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers or waste residues of this product.

Section IX: Work/Hygienic Practices

Avoid prolonged breathing of mist and vapors.
Use as directed. Normal precautions should be followed in handling and storing.
Wash hands before eating, drinking or smoking.
Avoid unnecessary skin and eye contact with product.
Keep out of reach of children.

Section X: Comments

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws and regulations.

Toxic Substances Control Act (TSCA).

The components of this product are listed on the TSCA inventory.
Subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the requirements of 40 CFR part 372. **None**

This product contains the following ingredient(s), which are regulated under the Clean Air Act Section 112 hazardous air pollutants and is subject to all reporting requirements of CERCLA (Superfund). **None**

This notice must not be detached from the foregoing MSDS. If the MSDS is copied for any reason, including distribution, this notice must also be copied and accompany all redistributed MSDS. Failure to do so may subject you to penalties under law.

Section XI: Transporting: Proper Shipping Name: Non-regulated DOT Hazard Class: Non-regulated

HMIS III: NFPA:

1	1	HEALTH
1	1	FLAMMABILITY
0	0	REACTIVITY
C	C	PROTECTIVE EQUIPMENT