

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-1

Carbide Machining and Grinding 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 hydrotreated, Heavy, Naphthenic Chemically neutralized oil	64742-52-5	50-55
Severely hydrotreated, Light Naphthenic Chemically neutralized oil	64742-53-6	45-50

Section II: Physical Data

Boiling Point:	109° C.
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Viscosity @ 40°C or 100°F	SUS=100
Solubility in Water:	Emulsifies at 5%
pH @ 20:1	9.0 ± .3
Specific Gravity: @ 60° F.	0.96 ± 0.01
Appearance:	Clear almond colored liquid
Odor:	Slight Hydrocarbon Odor

Section III: Fire & Explosion Data

Flash Point:	222°F
Method Used:	PMCC
Flammable Limits:	LFL & UFL: none
Extinguishing Media:	Water, Foam, or Carbon Dioxide
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.

Section IV: Reactivity Data

Stability: (Conditions to Avoid) Stable under normal storage and use conditions.

Incompatibility: (Materials to Avoid) Strong oxidizers. Use on Magnesium is not recommended, therefore, Synthetic Lubricants, Inc is not responsible for customers that use this product on Magnesium

Hazardous Decomposition Products: Combustion may produce oxides of C, N, S, HC and HCL.

Hazardous Polymerization: Will not occur.

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.

Section VI: Health Hazard Data

Eye Contact: Contact may cause irritation.

Skin Contact: Repeated contact may cause irritation.

Skin absorption: Not likely to occur

Ingestion: May cause nausea

Inhalation: Inhalation of oil mist is harmful and may cause lung damage.

Systemic (other target organ) Effects: None known

Carcinogenicity: IARC: No NTP: No OSHA: No

Section VII: First Aid

Eyes: Flush with large amounts of water

Skin: Wash thoroughly with soap and water.

Ingestion: Obtain medical assistance.

Inhalation: Remove to fresh air. If symptoms persist, consult a physician.

Section VIII: Handling Precautions

Exposure Guideline: Naphthenic severely hydrotreated chemically neutralized oil (Mist): OSHA PEL: 5mg/m³

Ventilation: General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.

Respiratory Protection: None normally required. If mist is above 5mg/m³, use NIOSH approved respirator.

Skin Protection: Oil resistant gloves for prolonged or repeated contact

Eye Protection: Safety glasses

Transportation: Is not regulated as a hazardous material

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 show 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.

This product contains the toxic chemicals listed below, which are 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