



SAFETY DATA SHEET

Section 1 Product and Company Identification

Product Name: SYNCON-1
Recommend Use: Carbide Machining and Grinding Oil
Issue Date: February 17, 2017
Revision #: 1
Manufacturer: SYNTHETIC LUBRICANTS, INC
Address: 1411 Callaghan Drive
Greenville, MI 48838
Telephone Number: (800) 848-5823

Section 2 Hazard Identification (IN FULL CONCENTRATION)



HEALTH HAZARD



WARNING

Hazard Statements:

May be harmful if inhaled
May be harmful if swallowed and enters airways.
May cause respiratory irritation
May be harmful if contacted on skin

Precautionary Statements:

Eyes / Skin: Do not get in eyes, on skin or on clothing.
Ingestion: If the victim has ingested the stock solution, do NOT induce vomiting.
Inhalation: Avoid breathing fumes/mist/vapors/sprays.

Potential Health Effects:

Eyes: No significant effects beyond minor irritation are expected.
Skin: No significant effects beyond minor irritation are expected.
Ingestion: Gastrointestinal tract irritation and /or discomfort are possible.
Inhalation: Moderate respiratory discomfort and/or headaches.
Toxic systemic effects from inhalation are expected to be minor.

Section 3 **Composition/Information**

| <u>CAS#</u> | <u>Name of Ingredient</u> | <u>Percentage</u> |
|-------------|--|-------------------|
| 64742-52-5 | Hydro-treated heavy naphthenic distillates | 80% - 100% |
| | Other components below reportable levels | 5% - 25% |

Exact percentage (concentration) of composition has been withheld as trade secret

Section 4 **First-Aid**

Eyes: Irrigate with flowing water immediately for at least 15 minutes. Consult medical assistance.

Skin: Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting. Danger from aspirating into lungs exceeds short term toxic effects. Get immediate medical treatment.

Inhalation: Fresh air should alleviate any respiratory discomfort. Consult medical authorities if problems develop or persist.

Section 5 **Fire & Explosion Data**

Fire Fighting Equip: Self-contained breathing apparatus and protective clothing recommended
Pressure built-up in the closed container may occur due to heat exposure.

Extinguishing Media: Use carbon dioxide, dry chemicals or foam

General Fire Hazards: Treat as hot oil. Cool fire-exposed containers with water.

Section 6 **Accidental Release**

Leaks & Spills: Treat as an oil spill. Dike area; not allowing product to enter drains, sewers, or waterways.

Ventilate area. Eliminate all sources of heat and flame.

Stop leak if safe to do so. Contain spill. Use absorbent material, such as vermiculite or sand. Place in suitable container for later disposal.

For large spills, contain with absorbent materials and institute clean-up efforts to recover the spilled liquid outlined in facility control plan.

Disposal Method: Follow all local, State, and Federal regulations.

Section 7 Handling and Storage

Handling: Avoid prolonged or repeated contact with skin and/or breathing of vapors when handling. Keep containers closed when not in use.

Storage: Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

Transportation: Is not regulated as a hazardous material

Section 8 Exposure Controls/ Personal Protection

Exposure Guideline: Naphthenic severely hydro-treated chemical neutralized oil (mist): OSHA PEL: 5mg/m³

Ventilation: General good ventilation should be satisfactory. If vapors are generated in use conditions, local exhaust should be considered.

Respiratory Protection: If mist is above 5mg/m³ use NIOSH approved respirator.

Skin Protection: Oil-resistant gloves for prolonged or repeated contact. Apron, boots should be considered.

Eye Protection: Wear safety glasses with side shields or goggles when handling this material.

Work Hygienic: Good personal hygiene practices should always be followed.

Section 9 Physical and Chemical Properties

Appearance: Clear Amber

Odor: Mineral odor

Vapor Pressure: <0.1 mm Hg @ 20°C

Auto-ignition Temperature: N/A

Freezing Point: N/A

Boiling Point: >225°F

Evaporation Rate: N/A

Specific Gravity: 0.9 kg/l at 60°F

Percent Volatiles: N/A

Solubility in Water: Negligible

pH Level: N/A

VOC: 11.5% Wt. ASTM D-972

Flammability/Explosive Limits: N/A

Relative Density: N/A

Flash Point: 320° F (Cleveland Open Cup)

Vapor Density: >1 (air = 1)

Decomposition Temperature: N/A

Viscosity @ 40°C = SUS 100

Section 10 Stability and Reactivity

Reactivity: Yes

Stability: Stable under normal use conditions and in final use concentration.

Incompatibility: (Conditions to Avoid) Heat

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: Oxides of Carbon when burned.

Hazardous Polymerization: Will not occur.

Section 11 Toxicological Information

Avoid unnecessary skin and eye contact with stock product, as supplied. Avoid breathing any vapors that are generated by stock product. Do not contaminate food or drink. This product is not thought to be a serious carcinogenic threat. The active ingredient in this product has not been listed by OSHA, ACGIH, National Cancer Institute (NC), National Toxicology Program (NTP), the Environmental Protection Agency (USEPA) or the International Agency for Research on Cancer (IARC) as a carcinogen.

Section 12 Ecological Information*

Section 13 Disposal (see Section 6)

Section 14 Transport Information (see Section 7)

Section 15 Regulatory Information*

Section 16 Other Information

The information in this MSDS was obtained from sources that we believe are reliable. However, this information is provided without any representation or warranty, express or implied, regarding the accuracy or correctness of this information.

The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For these and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of this product once sold and delivered.

Date of Preparation: February 17, 2017

Revision Number: 1

HMIS ratings Health: 1
 Flammability: 1
 Physical hazard: 0
 Protective Equipment: B

NFPA ratings Health: 1
 Flammability: 1
 Instability: 0

* Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(G) (2)).