

MATERIAL SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Central Petroleum Company
201 East Lincoln Street
Walcott, IA 52773-0116

Phone Number: 563-284-6221
Monday-Friday, 8:00 a.m. – 3:45 p.m. CST
Fax Number: 563-284-5124
Emergency:
CHEMTREC 1-800-424-9300

Product Name: Cen-Pe-Co Synthetic MTF
Common Name: Lubricating Oil

Issued Date: 06/19/08

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance/Odor: Amber liquid with a petroleum odor.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Skin contact

Eye: May cause mild eye irritation including stinging, watering, and redness.
Skin: May cause mild skin irritation including redness and a burning sensation.
Ingestion: No harmful effects expected.
Inhalation: Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation

Note to Physician:

Acute aspirations of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>% by Wt.</u>
Synthetic Lubricating Base Oil	Proprietary	75-95
Additives	Proprietary	5-25

Section 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing and wash before reuse. Remove excess from skin and wash with soap and water. Seek medical attention if symptoms persist.

Ingestion: Do NOT induce vomiting. Seek immediate medical attention

Inhalation: First aid is normally not required. If breathing difficulties develop move to fresh air. Seek medical attention if symptoms occur.

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Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, carbon dioxide, dry chemical, or foam. Water may be used to cool and protect exposed containers. Carbon dioxide can displace oxygen.

Protection of Firefighters:

Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

Unusual Fire and Explosion Hazards:

Containers may rupture in the heat of a fire if not cooled properly. Vapors are heavier than air and can accumulate in low areas.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Extinguish all possible sources of ignition. Use personal protection recommended in Section 8.

Environmental Precautions:

Prevent entry into sewers and waterways.

Methods for Containment:

Contain and absorb with inert material such as sand or earth. Do NOT use combustible materials such as sawdust.

Methods for Clean-Up:

Vacuum or sweep up spilled material and place in an appropriate disposal container.

Section 7: HANDLING AND STORAGE

Handling:

Keep away from heat, sparks, and open flame. Extinguish all possible ignition sources prior to use and until vapors are gone. Vapors may accumulate and travel to ignition sources distant from handling site and flash back. Use approved bonding and grounding procedures. Use explosion-proof electrical equipment. Do not use compressed air when filling, discharging, or handling. Keep containers tightly sealed when not in use. Transfer only to approved containers with complete and appropriate labeling. Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Do not take internally.

Empty containers may contain residue. Do not cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, spark, or other ignition sources.

Storage:

Keep container in a cool, well-ventilated area. Avoid possible sources of ignition. Keep containers tightly closed. Keep away from aerosols, flammables, oxidizing agents, and corrosives.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Synthetic Lubricant Base Oil

ACGIH TWA: 5 Mg/M³ (as oil mist)
ACGIH STEL: 10 Mg/M³ (as oil mist)
OSHA TWA: 5 Mg/M³ (as oil mist)

Engineering Controls:

Sufficient ventilation, in volume and pattern, should be provided to keep the vapor concentration below applicable OSHA requirements.

Eye/Face Protection:

Wear chemical splash goggles or face shield when contact is possible.

Skin Protection:

Wear nitrile gloves.

Respiratory Protection:

If exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH approved respirator.

General Hygiene Considerations:

Wash hands before eating, drinking, or using the washroom.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
Odor:	Petroleum
Physical State:	Liquid
pH	Not applicable
Melting/Freezing Point:	Not available
Boiling Point:	Not available
Flash Point:	374°F (190°C) (COC)
Evaporation Rate:	Not available
Upper Flammability Limit:	Not available
Lower Flammability Limit:	Not available
Vapor Pressure:	<1
Vapor Density (air=1):	>1
Specific Gravity:	0.85-0.87 @ 60°F (15.6°C)
Bulk Density:	7.08-7.24 lbs/gal
Solubility (H ₂ O):	Insoluble
Auto Ignition Temperature	Not available
Decomposition Temperature:	Not available
Percent Volatile:	Negligible
Viscosity:	17.0-18.5 cSt @ 100°C 125-140 cSt @ 40°C

Section 10: STABILITY AND REACTIVITY

Stability:

Stable under normal ambient and anticipated storage and handling conditions.

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Conditions to Avoid:

Heat, sparks, open flames, and other sources of ignition.

Incompatible Materials:

Avoid strong oxidizing agents, strong acids, and strong bases.

Hazardous Decomposition Products:

Combustion products include carbon oxides, nitrogen oxides, sulfur oxides, and phosphorus oxides. Hydrogen sulfide may also be released.

Hazardous Polymerization:

Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Acute Effects:

Eye: May cause mild eye irritation including stinging, watering, and redness.

Skin: May cause mild skin irritation including redness and a burning sensation.

Ingestion: No harmful effects expected.

Inhalation: Expected to have a low degree of toxicity by inhalation. Inhalation of oil mists or vapors at elevated temperatures may cause respiratory irritation.

Carcinogenicity:

This product has not been identified as a carcinogen by NTP, IARC, or OSHA.

Section 12: ECOLOGICAL INFORMATION

No data available.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local regulations.

Section 14: TRANSPORT INFORMATION

US Department of Transportation Classification:

Not regulated.

Section 15: REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances and TPQs:

This material does not contain any chemical subject to the reporting requirements of SARA 302 and 40 CFR 372.

SARA 311/312 (Title III Hazard Categories):

Acute Health: No

Chronic Health: No

Fire Hazard: No

Pressure Hazard: No

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Reactive Hazard: No

SARA 313 Information:

This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substances) of any chemical listed under SARA 313.

California Proposition 65:

Warning: This material may contain detectable quantities of the following chemicals, known to the State of California to cause cancer, birth defects or other reproductive harm, and which may be subject to the requirements of California Proposition 54 (CA Healthy and Safety Code Section 25249.5)

<u>Component</u>	<u>Type of Toxicity</u>
Aniline	Cancer
Ethyl Acrylate	Cancer
2-Naphthylamine	Cancer
1-Naphthylamine	Cancer

National Chemical Inventories:

All components are listed on the US TSCA Inventory.

This product contains one or more components on the NDSL (Non-Domestic Substances List) which are subject to Canada's New Substance Notification requirements if exported quantities of component exceed 1000 kg/yr. All other components are on the DSL.

US Export Control Classification Number:
EAR99

Section 16: OTHER INFORMATION

NFPA 704: National Fire Protection Association

Health = 1 Flammability = 1 Reactivity = 0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Disclaimer:

This information has been compiled from sources considered to be dependable and is accurate to the best of Central Petroleum Company's knowledge; however, the Central Petroleum Company makes no warranty whatsoever, expressed or implied, of merchantability or fitness for particular purpose regarding the accuracy of such data or the results to be obtained from the use thereof. The Central Petroleum Company assumes no responsibility for injury to recipient or third persons or for any damage to any property and recipient assumes all such risks.