

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 Multi-Purpose Hydraulic and Wet Brake Oil
Common Name: Lubricating Oil

Issued Date: 06/25/09
Supersedes: 06/10/08

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance/Odor: Red liquid with petroleum odor.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Eye and skin contact

Eye: May cause irritation.
Skin: May cause skin irritation.
Ingestion: Expected to have a low order of toxicity.
Inhalation: Prolonged or repeated exposure to oil mists may cause droplet deposition, oil granuloma formation, inflammation, and increased incidence of infection.

Medical Conditions Aggravated By Exposure:

May cause more significant irritation in people with pre-existing eye and skin conditions.

This product contains no carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS#</u> | <u>% by Wt.</u> |
|---|-------------|-----------------|
| Severely Solvent Refined Heavy Paraffinic Petroleum Oil | 64741-88-4 | 75-85 |
| Severely Solvent Refined Light Paraffinic Petroleum Oil | 64741-89-5 | 0-10 |
| Severely Solvent Refined Residuum | 64742-01-4 | <5 |
| Proprietary Performance Additives | | <15 |

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.

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Ingestion: Do NOT induce vomiting. If vomiting spontaneously occurs, have the victim lean forward to reduce the risk of aspiration. Seek immediate medical attention

Inhalation: Move to fresh air. Seek medical attention if symptoms occur.

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, dry chemical, or foam. Water may be used to cool and protect exposed containers.

Unsuitable Extinguishing Media:

Water stream may cause splattering.

Protection of Firefighters:

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

Unusual Fire and Explosion Hazards:

Thermal decomposition may release flammable or toxic gases.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Ventilate area. 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.

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. Use approved bonding and grounding procedures. Use explosion-proof electrical equipment and ventilation. Do not use compressed air when filling, discharging, or handling. Do not mix with inorganic nitrites or organic nitro compounds, nitrites, or nitrates. 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. Launder contaminated clothing before reuse.

Empty containers may contain residue. Do not cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, spark, or other ignition sources. Do not reuse containers without commercial cleaning or reconditioning.

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Storage:

Keep container in a cool, well-ventilated area. Avoid possible sources of ignition. Keep containers tightly closed.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Mineral Oil:

OSHA TWA: 5 Mg/M³

ACGIH STEL: 10 Mg/M³

Engineering Controls:

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

Eye/Face Protection:

Splash proof chemical goggles are recommended to protect against contact due to splashing.

Skin Protection:

Nitrile. Do not wear rings, watches, or similar apparel that could entrap the material and cause a skin reaction.

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: | Red |
| Odor: | Petroleum |
| Physical State: | Liquid |
| pH | Not available |
| Melting/Freezing Point: | Not available |
| Boiling Point: | Not available |
| Flash Point: | >375°F (190.6°C) |
| Evaporation Rate: | Not available |
| Upper Flammability Limit: | Not available |
| Lower Flammability Limit: | Not available |
| Vapor Pressure: | Not available |
| Vapor Density: | Not available |
| Specific Gravity: | 0.88 |
| Solubility (H ₂ O): | Negligible |
| Auto Ignition Temperature | Not available |
| Decomposition Temperature: | Not available |
| Percent Volatile, wt %: | Not available |
| Volatile Organic Compound (VOC) Content, wt %: | Not available |

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Viscosity: 9.9 cSt @ 100°C (typical)

Section 10: STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Avoid heat, sparks, and open flame.

Incompatible Materials:

Avoid contact with acids and oxidizing agents.

Hazardous Decomposition Products:

Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, aldehydes, and other products of incomplete combustion. Combustion may also release hydrogen sulfide and alkyl mercaptans and sulfides. Calcium oxides, phosphorus oxides, sulfur oxides, and zinc oxides may be produced.

Section 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Effects:

| | |
|-------------|--|
| Eye: | May cause irritation. |
| Skin: | May cause skin irritation. |
| Ingestion: | Expected to have a low order of toxicity. |
| Inhalation: | Prolonged or repeated exposure to oil mists may cause droplet deposition, oil granuloma formation, inflammation, and increased incidence of infection. |

Chronic Effects:

This material contains triphenyl phosphite, which produced neurotoxic effects in laboratory animals. Effects included weakness, tremors, and paralysis.

Carcinogenicity:

Prolonged or repeated contact with **used** oil may be harmful to skin and could cause skin cancer.

Section 12: ECOLOGICAL INFORMATION

No data available.

Section 13: DISPOSAL CONSIDERATIONS

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

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Section 14: TRANSPORT INFORMATION

US Department of Transportation Classification:
Not regulated.

Section 15: REGULATORY INFORMATION

SARA 313 Information:

| <u>Component</u> | <u>% by Wt.</u> |
|------------------|-----------------|
| Zinc compounds | 1-2 |

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.