

HARVEY OIL CO.
P.O. Box 546
Marquette, MI 49855

11618

Date January, 1987

MATERIAL SAFETY DATA SHEET

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Use: Gulf Lube Oil 14752

Product Name:

PHILLIPS 66 COMPANY
A SUBSIDIARY OF PHILLIPS PETROLEUM COMPANY
Bartlesville, Oklahoma 74004

OILS: (All grades of following products are covered by this MSDS)

- | | |
|--------------------|------------------|
| Baltic® Oil | Hydraulic Oil MA |
| Condor® Oil | Magnus® Oil |
| Corona W® | Magnus® A Oil |
| HD® Motor Oil | MM Motor Oil |
| HDG® Motor Oil | PHILTAC® |
| HDS® + 1 Motor Oil | Super HD II |
| HDS® Motor Oil | Type C2/C3 Fluid |
| Hector® Oil | Unique® Oil |
| Household Oil | Windsor® 90 |

Emergency Phone Nos.
918-661-3865 (during business)
918-661-8118 (after hours)



USA AND CANADA



OTHER COUNTRIES

WORLDWIDE

PRODUCT IDENTIFICATION

Synonyms: NE

Chemical Name: Mixture

Chemical Family: Hydrocarbon

Chemical Formula: Mixture

CAS Reg. No: Mixture

Product No: Various

Product and/or Components Entered on EPA's TSCA Inventory: Yes No

HAZARDOUS COMPONENTS

| Ingredients | CAS Number | %* By Wt. | OSHA PEL | ACGIH TLV |
|-------------|------------|-----------|----------|-----------|
|-------------|------------|-----------|----------|-----------|

This product does not meet the definition of a hazardous material given in 29 CFR Part 1910.1200 (OSHA). Information on this form is furnished as a customer service.

11518

HARVEY OIL CO.
P.O. Box 246
Montpelier, VT 05602

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PERSONAL PROTECTION INFORMATION

Ventilation: Use adequate ventilation to control exposure below recommended levels.

Respiratory Protection: Not generally required. For concentrations exceeding the recommended exposure level, use NIOSH/MSHA approved air purifying respirator.

Eye Protection: Use safety glasses with side shields. For splash protection use chemical goggles and face shield.

Skin Protection: Use protective garments to prevent excessive skin contact.

NOTE: Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

HANDLING AND STORAGE PRECAUTIONS

Avoid inhalation of mist and eye contact. Avoid repeated contact with skin. Wear protective equipment and/or garments described above if exposure conditions warrant. Wash hands after handling. Launder contaminated clothing before reuse. Store away from ignition sources. Provide means of controlling leaks and spills. Keep containers closed.

REACTIVITY DATA

Stability: Stable Unstable

Incompatibility (Materials to Avoid): Oxygen and strong oxidizing agents.

Hazardous Polymerization: Will Not Occur May Occur

Hazardous Decomposition Products: Carbon oxides and various hydrocarbons formed when burned.

HEALTH HAZARD DATA

RECOMMENDED EXPOSURE LIMITS: OSHA PEL and ACGIH TLV for oil mists is 5 mg/m³.

ACUTE EFFECTS OF OVEREXPOSURE:

EYE: Mild irritation.

SKIN: Practically non-toxic by skin absorption. Mild irritation with prolonged or repeated contact.

INHALATION: None expected.

INGESTION: Practically non-toxic.

SUBCHRONIC AND CHRONIC EFFECTS OF OVEREXPOSURE:

No known applicable information. See also Page 6.

OTHER HEALTH EFFECTS:

Pressurized injection of product under the skin can lead to seriously inflamed tissue. If left untreated injury can be gangrenous.

HEALTH HAZARD CATEGORIES:

| | Animal | Human | | Animal | Human |
|---------------------|--------------------------|--------------------------|--------------------|---|--------------------------|
| Known Carcinogen | <input type="checkbox"/> | <input type="checkbox"/> | Toxic | <input type="checkbox"/> | <input type="checkbox"/> |
| Suspect Carcinogen | <input type="checkbox"/> | <input type="checkbox"/> | Corrosive | <input type="checkbox"/> | <input type="checkbox"/> |
| Mutagen | <input type="checkbox"/> | <input type="checkbox"/> | Irritant | <input type="checkbox"/> | <input type="checkbox"/> |
| Teratogen | <input type="checkbox"/> | <input type="checkbox"/> | Target Organ Toxin | <input type="checkbox"/> | <input type="checkbox"/> |
| Allergic Sensitizer | <input type="checkbox"/> | <input type="checkbox"/> | Specify | <u>No known applicable information.</u> | |
| Highly Toxic | <input type="checkbox"/> | <input type="checkbox"/> | | | |

FIRST AID AND EMERGENCY PROCEDURES:

EYE: Flush eyes with running water for at least 15 minutes. If irritation develops, seek medical attention. For injection injuries, immediate medical treatment is required. Physicians may call (918) 661-4845.

SKIN: Wash with soap and water. If irritation develops, seek medical attention. For injection injuries, immediate medical treatment is required. Physicians may call (918) 661-4845.

INHALATION: Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

INGESTION: Give 2 glasses of water and induce vomiting. If illness or adverse symptoms develop, seek medical attention.

PHYSICAL DATA

Appearance: Colorless to dark liquid

Odor: Mild

Boiling Point: NE

Vapor Pressure: < 1 mm Hg at 20°C

Vapor Density (Air = 1): >5

Solubility in Water: Negligible

Specific Gravity (H₂O = 1): 0.86-0.94

Percent Volatile by Volume: Negligible

Evaporation Rate (_____ = 1): Negligible

Viscosity: Various

FIRE and EXPLOSION DATA

Flash Point (Method Used): > 280°F (> 138°C) (COC, ASTM D92)

Flammable Limits (% By Volume in Air): LEL NE UEL NE

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO₂).

Special Fire Fighting Procedures: Evacuate area of all unnecessary personnel. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described on Page 2 if conditions warrant. Water fog or spray may be used to cool exposed containers and equipment.

Fire and Explosion Hazards: Carbon oxides and various hydrocarbons formed when burned.

SPILL, LEAK and DISPOSAL PROCEDURES

Precautions Required if Material is Released or Spilled: Wear protective equipment and/or garments described on Page 2 if exposure conditions warrant. Shut off source, if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, sawdust, etc.). Transfer to disposal drums.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations, Incinerate or otherwise manage at a permitted waste management facility.

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DOT TRANSPORTATION

Shipping Name: NA
Hazard Class: NA
ID Number: NA
Marking: NA
Label: NA
Placard: NA
Hazardous Substance/RQ: NA
Shipping Description: NA
Packaging References: NA

RCRA CLASSIFICATION (FOR UNADULTERATED PRODUCT AS A WASTE)

NA

PROTECTIVE MEASURES DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT

Contact immediate supervisor for specific instructions before work is initiated.

HAZARD CLASSIFICATION

THIS PRODUCT MEETS THE FOLLOWING HAZARD DEFINITION(S) AS DEFINED BY THE OCCUPATIONAL SAFETY AND HEALTH HAZARD COMMUNICATION STANDARD (29 CFR SECTION 1910.1200):

- | | | |
|---|---|---|
| <input type="checkbox"/> Combustible Liquid | <input type="checkbox"/> Flammable Aerosol | <input type="checkbox"/> Oxidizer |
| <input type="checkbox"/> Compressed Gas | <input type="checkbox"/> Explosive | <input type="checkbox"/> Pyrophoric |
| <input type="checkbox"/> Flammable Gas | <input type="checkbox"/> Health Hazard (See Page 3) | <input type="checkbox"/> Unstable |
| <input type="checkbox"/> Flammable Liquid | <input type="checkbox"/> Organic Peroxide | <input type="checkbox"/> Water Reactive |
| <input type="checkbox"/> Flammable Solid | | |

BASED ON INFORMATION PRESENTLY AVAILABLE, THIS PRODUCT DOES NOT MEET ANY OF THE HAZARD DEFINITIONS OF 29 CFR SECTION 1910.1200.

ADDITIONAL COMMENTS

Continuous skin contact with used motor oils has caused skin cancer in laboratory animals. Avoid prolonged skin contact with used motor oil.

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