

601

## MARKETED BY:

THE STANDARD OIL COMPANY (OHIO)  
 BORDON OIL COMPANY  
 BP OIL INC.  
 Midland Building  
 Cleveland, Ohio 44115

## CORPORATE EMERGENCY TELEPHONE (Toll-free)

FROM WITHIN OHIO: 800-362-8059  
 FROM OUTSIDE OHIO: 800-321-8642  
 CHEMTREC (CMA) 800-424-9300

DESCRIPTION

CHEMICAL NAME: Petroleum Oil

CAS REGISTRY NO.: 64742-37-6 (35-39)  
 64742-36-5 (58)

SYNONYMS: Mineral oils, neutral oils, MD 57 (Factoil 35), MD 100 (Factoil 39), 500 Red Oil (Factoil 58)

CHEMICAL FAMILY: Hydrocarbons

FORMULA: Refined petroleum oil MOL. WT.: N.A.

COMPOSITION: 100% de waxed clay contacted paraffinic vacuum distillates. The oils contain circa 15% aromatic hydrocarbons.

STATEMENT OF HEALTH HAZARD

HAZARD DESCRIPTION: No acute effects from incidental contact with new oil. Skin dryness, irritation, dermatitis from excessive prolonged or repeated contacts. Possible chronic skin problems from polynuclear aromatic hydrocarbon content of oils. Danger of serious pneumonitis from aspiration into lungs if swallowed.

EXPOSURE LIMITS: Oil mist:  $5 \text{ mg/M}^3$  TLY (8-hour time-weighted average exposure; OSHA 29 CFR 1910.1000 Table Z-1). Avoid unnecessary exposure to liquid oil.

EMERGENCY TREATMENT

EFFECTS OF OVEREXPOSURE: Excessive prolonged or repeated contact may dry skin, cause irritation, dermatitis, lesions. Allergic reaction may occur with a few individuals. These oils have caused skin tumors in lifetime skin-painting tests on mice and should be handled as possible carcinogens. Swallowing liquid oil may cause discomfort but no lasting effects. Liquid oil aspirated into lungs may cause dangerous chemical pneumonitis with increasing difficulty in breathing. This effect may be delayed.

EMERGENCY AID: Eyes: wash with copious water for 15 minutes. Eyelids should be held apart and away from eyeball to ensure thorough rinsing. Skin: wash thoroughly with soap and water. Change all contaminated clothing; shower at earliest convenience. Swallowing: DO NOT INDUCE VOMITING BECAUSE OF DANGER OF ASPIRATING OIL INTO LUNGS. After spontaneous vomiting, monitor for breathing difficulty. Refer to physician. IF SYMPTOMS PERSIST OR EXPOSURE IS SEVERE, SEEK PROMPT MEDICAL HELP.

NOTE TO PHYSICIAN: Petroleum aspiration may cause severe pneumonitis ('oil pneumonia'). Vomiting should not be induced, and gastric lavage should be undertaken with consideration of endotracheal intubation, especially with an unconscious patient.

PHYSICAL DATA

BOILING PT.\*: (Initial) 520°F/540°F/700°F

POUR PT.\*: 10°F/10°F/10°F

VAPOR PRESSURE: @ 100°F: 0.1 mm Hg

VAPOR DENSITY (AIR=1): Heavier than air

SPECIFIC GRAVITY: @ 60°F: 0.87 to 0.91

SOLUBILITY IN WATER: Negligible

PERCENT VOLATILE: @ 100°F: 0.7

EVAPORATION RATE (Water=1): Very slow

APPEARANCE AND ODOR: Pale yellow to reddish clear and bright liquid with petroleum oil odor.

\*Property listed in order 35/39/58.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT\*: (ASTM D-92) 330°F/400°F/460°F

AUTOIGNITION TEMP.: Not known

FLAMMABLE LIMITS IN AIR: Not known

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemicals, sand or earth, water fog.

SPECIAL FIRE-FIGHTING PROCEDURES: Avoid breathing fumes, wear adequate respiratory protection. Do not spray water directly into fire to avoid foaming or spread of floating oil. Use water to cool threatened containers. Product is a Class IIIB Combustible Liquid (OSHA 29 CFR 1910.106). Fires involving product are Class B fires (OSHA 29 CFR 1910.156).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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CHEMICAL REACTIVITY

**STABILITY:** Stable under normal conditions. Not chemically reactive.

**CONDITIONS TO AVOID:** Contact with strong oxidizers (peroxides, chlorine, oxygen under pressure, strong oxidizing acids), extreme heat or sources of ignition.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide from combustion. Reactive volatile hydrocarbons from thermal decomposition.

SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN:** Eliminate all sources of ignition. Contain spill. Recover liquid by mopping, vacuum, or absorbent. Avoid unnecessary contact with liquid by use of oil-impervious gloves, boots, or other protective clothing as needed.

**WASTE DISPOSAL:** Deposit recovered oil in waste oil system, incinerate under approved conditions, or transfer oil to approved re-refiner. Contaminated absorbent and diking solids may be put in approved landfill. Deposit of liquid in landfill is strictly regulated (40 CFR 265-314).

SPECIAL PROTECTION AND PROCEDURES

**RESPIRATORY PROTECTION:** A cartridge respirator for oil mist should be used were misting is a problem. Inhalation of mist or vapors should be avoided.

**VENTILATION:** Local or mechanical ventilation sufficient to control mist below TLV level. Check for possible ignition sources.

**PROTECTIVE EQUIPMENT:** Barrier creams, oil-impervious gloves and sleeves or other protective gear, including eye shield, may be used to reduce chances of contact. Skin contact from exposure to vapors, mist, or liquid should be avoided.

SPECIAL PRECAUTIONS

**HANDLING AND STORING:** Avoid extremes of temperature in storage. Store away from sources of ignition. Avoid contamination. Do not store in unlabeled containers.

**WORKPLACE:** Practice good housekeeping. Clean up spills promptly to avoid slippery footing. Have needed protective equipment and fire extinguisher available. Check operations for possible ignition sources.

**DISPOSAL:** Used oil must be disposed of in an environmentally acceptable manner. See WASTE DISPOSAL. Do not put oil into sewer system or use as road oil or for other use which may result in uncontrolled release.

**PERSONAL:** Good personal hygiene is most important. Keep clean. Do not continue to wear oil-soaked clothing. Discard oil-soaked leather goods. Wash before eating. Use emollient cream to counter dry skin if needed.

LABELING AND SHIPPING

**HAZARD CLASS:** None

**PROPER SHIPPING NAME:** Lubricating Oil (Motor); Petroleum Lubricating Oil (Roll)

**PLACARD:** None

**LABEL:** None

**STCC NO.:** 2911415

**IDENTIFICATION NO.:** None

OTHER REGULATORY REQUIREMENTS

Any environmental release which introduces oil into public waterways (sufficient to produce an oil sheen) must be reported promptly to the National Response Center, U.S. Coast Guard, Washington, D.C. (1-800-424-8802) (FWPCA 5311(b)(3)).

**REVISION DATE:** 7/26/82

**REPLACING DATE OF:** 7/10/81

**PRODUCT CODES:** P 2857, P 2855, P 2709

**REVIEWED BY:** P/J/NDH/CP/RAR/CMS/N.J./SMD

**APPROVED:** 

**TITLE:** Product Safety Coordinator

ALTERNATIVE TO OSHA-20 FORM  
00690

FEB 22 '90 14:41

COPE INC.

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72-62-7820-04

**MATERIAL SAFETY  
DATA SHEET**

**Ashland Chemical Company**  
DIVISION OF ASHLAND OIL INC.

P. O. BOX 2219, COLUMBUS, OHIO 43216 • (614) 898-2333

24-HOUR EMERGENCY TELEPHONE (606) 324-1133





**TRIPLE S**

141 Middlesex Turnpike • Burlington, Massachusetts 01803 • (617) 273-2020  
FAX (617) 273-5479

Sir / Madam:

Enclosed is the Material Safety Data Sheet(s) that you recently requested. If we were unable to identify the product because of an improper or incomplete name we have indicated that on the copy of your request which is enclosed. If this is the case, we suggest you consult the product container for the correct name before contacting your local distributor for the MSDS.

To the best of our knowledge the enclosed MSDS is for the actual product that you purchase. Because our products are available nationally, our distributors can order products from any of several plants. There may be slight formula variations from plant to plant that are reflected in the MSDS provided to the distributor. For this reason we suggest you go directly to your local distributor who maintains a complete up-to-date MSDS file with which they can fulfill your request for information based upon the actual Triple S product you purchase.

Thank you.

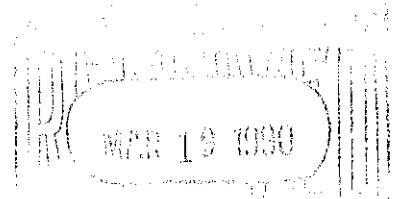
Sincerely,

TRIPLE S

James J. Keough  
Marketing/Administrative Assistant

JJK/j

Enclosure



**Standardized Sanitation Systems, Inc.**