

MATERIAL SAFETY DATA SHEET

000301

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

| | | |
|---|---|--|
| MANUFACTURER'S NAME NonFluid Oil Corporation | | EMERGENCY TELEPHONE NO. (201) 344-3451 |
| ADDRESS (Number, Street, City, State, and ZIP Code) 298 Delancy Street - Newark, NJ 07105 | | |
| CHEMICAL NAME AND SYNONYMS Petroleum Lubricating Grease (Calcium) | TRADE NAME AND SYNONYMS 3030/300 <i>Catalogy No</i> | |
| CHEMICAL FAMILY Petroleum Hydrocarbons & Soaps | FORMULA Complex Lubricant Mixture | |

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SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|---|---|-----------------------------|--|-----|-------------|
| PIGMENTS | | N.A. | BASE METAL | | N.A. |
| CATALYST | | N.A. | ALLOYS | | N.A. |
| VEHICLE | | N.A. | METALLIC COATINGS | | N.A. |
| SOLVENTS | | N.A. | FILLER METAL PLUS COATING OR CORE FLUX | | N.A. |
| ADDITIVES | | N.A. | OTHERS | | N.A. |
| OTHERS | | N.A. | | | N.A. |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | | | | % | TLV (Units) |
| Lead Naphthenate (30% Lead) | | LD ₅₀ > 4.5 g/kg | | <10 | Not Avail. |
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SECTION III - PHYSICAL DATA

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|-------------------------|---|---------|---------------------------------------|------------|
| BOILING POINT (°F.) | IBP-FBP | 600-900 | SPECIFIC GRAVITY (H ₂ O=1) | 0.95 |
| VAPOR PRESSURE (mm Hg.) | @20°C | <0.01 | PERCENT VOLATILE BY VOLUME (%) | Negligible |
| VAPOR DENSITY (AIR=1) | | >10 | EVAPORATION RATE n-Butyl Acetate =1 | <0.01 |
| SOLUBILITY IN WATER | Negligible | | | |
| APPEARANCE AND ODOR | Black Semi-Solid (Lubricating Grease) Slight Petroleum Odor | | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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|------------------------------------|--|------------------|--------|--------|
| FLASH POINT (Method used) | 390°F (COC) | FLAMMABLE LIMITS | Lel 1% | Uel 6% |
| EXTINGUISHING MEDIA | CO ₂ , Dry Chemical, Foam, Water Fog (carefully to prevent frothing) | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | Use water spray to keep containers cool and to flush spills away from exposure. Use air supplied rescue equipment for enclosed areas. | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | Slight when exposed to excessive heat or flame. Can react with oxidizing materials. Do not store or mix with strong oxidants. | | | |

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not Applicable - Product is normally not misted.

EFFECTS OF OVEREXPOSURE As with all petroleum products, prolonged or repeated frequent skin contact might cause mild irritation. Defatting on skin is possible. Exposure to fumes or mists may cause mild mucous membrane irritation.

EMERGENCY AND FIRST AID PROCEDURES

Skin Contact: Wipe off and wash with soap and water.
 Eye Contact: Flush with copious amounts of water and see a doctor.
 Inhalation: Remove from exposure to fresh air.
 Ingestion: Administer volumes of water or milk and seek medical aid.

SECTION VI - REACTIVITY DATA

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|------------------|----------|---|---------------------|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | |

INCOMPATIBILITY (Materials to avoid) Strong oxidants such as concentrated oxygen and liquid chlorine.

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may produce oxygenates and small amounts of oxides of calcium & lead. Carbon monoxide in cases of incomplete combustion.

| | | | |
|---------------------------------|----------------|---|---------------------|
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | X | |

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stop flow. Eliminate ignition sources. Avoid dermal and eye contact. Recover free product. Add absorbant to spill area. Mop or scrape up.

WASTE DISPOSAL METHOD

Incinerate under controlled conditions or dispose of in approved land fill as local regulations permit. Observe all local spill and water quality regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Normally not required - recommended if fuming or misting

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|--------------------|--|----------------------------------|
| VENTILATION | LOCAL EXHAUST Recommended to capture hot fumes | SPECIAL Usually not required. |
| | MECHANICAL (General) Recommended if fuming or misting | OTHER Usually not required. |

PROTECTIVE GLOVES For prolonged or frequent repeated contact
EYE PROTECTION Recommended if splashing or misting.

OTHER PROTECTIVE EQUIPMENT Normally not required - protective garment recommended when applicable (as when splashing)

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Handle and store using methods generally advocated for petroleum products. Do not store or mix with oxidizing materials. Avoid excessive heat and flame. Keep containers closed.

OTHER PRECAUTIONS Avoid prolonged or repeated contact with skin. Avoid contact with eyes and inhalation of fumes, vapors, or mists. Do not ingest. Wash thoroughly after handling, especially before eating. Do not wear contaminated clothing. Remove them and launder thoroughly before re-use.