

#600710

MATERIAL SAFETY DATA SHEET

Manufactures Name: G&G Oil Co. Inc.

Address: PO Box, Muncie In. 47303

Emergency Phone Number: 317-288-7795

Chemical Name and Synonyms: Petroleum Hydrocarbons and Additives

Product Name: G&G Royal R&O 46

Generic Name: Lubricating Oil

Date Prepared: 6-08-92

- 1-Slight
- 2-Moderate
- 3-Severe
- 4-Extreme

NFPA Codes: Fire-1 Reactivity-0 Health-1

Section 1 Ingredients

Percent CAS#

| | | |
|--|---------|------------|
| Sol. Ref. Petroleum Hydrocarbon, mixture | 97-100% | 64742-65-0 |
| Pet. Additive, Proprietary Mixture | .2-2% | |
| Naphthalene | | 91-20-3 |
| 2,6-di-tert-butylphenal | | 128-39-2 |
| Defoaming compound | | 26376-86-3 |
| Polymeric pour point depressent | .1-1% | |

Section 2 Occupational Exposure Limits

| OSHA | | ACGIH | | OTHER |
|----------|-------------|----------|----------|-------|
| PEL/TWA | PEL/CEILING | TLV/TWA | TLV/STEL | |
| 5 MG/M3* | None | 5 MG/M3* | 10 MG/M3 | None |

* Oil Mist, Mineral

Section 3 Physical Data

| | |
|-------------------------------------|------------------------|
| Specific Gravity: (H2O=1) | 0.867-0.879 |
| Boiling Point: | N/A |
| Vapor Pressure: (mm Hg) 100 Deg.F | N/A |
| Vapor Density: (Air=1) | Heavier than Air |
| Solubility in Water: | Negligible |
| Percent, Volatile by volume: | N/A |
| Evaporation Rate: (Butyl Acetate=1) | Slower than Ether |
| Appearance: | Light Yellow Oil |
| Odor: | Typical Petroleum Odor |

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Section 4 Fire and Explosion Data

Flash Point: Deg.F

420

Flammable Limits:

Upper - N/A

Lower - N/A

Extinguishing Media: Use water fog, dry chemical or CO/2. Do not use water.

Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near drum (even empty) because product (even residue) can ignite explosively.

Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

Section 5 Health Hazard Data

The health effects noted below are consistent with requirements under the OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

Eye Contact: Lubricating oils are generally considered no more than minimally irritating to the eyes.

Skin contact: Lubricating oils are generally considered no more than mildly irritating to the skin. Prolonged and repeated contact may result in various skin disorders such as dermatitis, folliculitis or oil acne.

Inhalation: Inhalation of vapor (generated at high temperatures only) or oil mist from this product may result in mild irritation of the upper respiratory tract.

Ingestion: Lubricating oils are generally considered no more than slightly toxic if swallowed.

Other: None.

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Section 6 Emergency First Aid Procedures

Skin: Wash skin thoroughly with soap and water. Remove soiled clothing.

Eye: Flush with clean low pressure water for 15 minutes. If irritation persists seek medical attention.

Inhalation: Remove from contaminated area.

Oral: Do not induce vomiting, seek medical attention.

Additional: If any problems occur seek medical advise.

Section 7 Protection Information

Ventilation: If mist is generated, Local exhaust is suggested.

Skin; Gloves, aprons, etc., of an impervious material is suggested.

Eye Protection: Not essential for handling. Use goggles if oil is sprayed.

Other: Use soap and water to remove soil from skin. Never use gasoline, solvents or harsh abrasive cleaners.

Section 8 Reactivity

Stability: Stable **Hazardous Polymerization:** Will not occur

Conditions and Materials to Avoid: Avoid heat, open flames and oxidizing materials.

Hazardous Decomposition Products: Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide, hydrogen sulfide, and other unidentified organic compounds may be formed upon combustion.

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Section 9 Environmental Protection

Spill or Leak Procedures: Lubricating Oil may burn, although not readily ignitable. Use caution judgment when cleaning up large spills. ***Large spills*** wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to a storage salvage vessel. Soak up residue with an absorbent such as clay, sand, or other suitable materials; Dispose of properly. Flush area with water to remove trace residue. ***Small Spills*** Take up with an absorbent; material and dispose of properly. ✓

Section 10 Special Precautions

Handle and store as with any industrial lubricating oil.

Note: If present, IARC, NTP and OSHA carcinogens and chemicals subject to reporting requirements of SARA TITLE III SECTION 313 are identified in sections #1 and #2. ✓

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