**OPEN GEAR**

**Gear and Cable Lubricant**

**OPEN GEAR** is a super tough adhesive lubricant which penetrates deep into gears, cables and heavy duty mechanisms. Once penetrated, **OPEN GEAR** thickens quickly to a tacky, black stringy lube. The Molybdenum Disulfide provides a shield that maintains a cushion of lubricant between gear teeth and other friction producing surfaces. **OPEN GEAR** absorbs high shock loads, extreme pressure and prevents chipping or scuffing. The protective water resistant coating prevents corrosion in outdoor or underwater application.

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<table>
<thead>
<tr>
<th>FOR USE BY:</th>
<th>FOR USE ON:</th>
<th>FEATURE-BENEFIT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Mechanics</td>
<td>Const. Equipment</td>
<td>Fast Set Up</td>
</tr>
<tr>
<td>Construction</td>
<td>Cranes</td>
<td>Non- Acid</td>
</tr>
<tr>
<td>Food/Bottling Equip.</td>
<td>Drag Lines</td>
<td>Non- Toxic</td>
</tr>
<tr>
<td>Heavy Equipment</td>
<td>Freight Equip.</td>
<td>Non- Corrosive</td>
</tr>
<tr>
<td>Industrial Plants</td>
<td>Marine Elevator</td>
<td>Dual Spray Valve</td>
</tr>
<tr>
<td>Marine Repair</td>
<td>Mining Equip.</td>
<td>Prolongs Gear &amp; Equipment Life</td>
</tr>
<tr>
<td>Oil Fields</td>
<td>Offshore Drilling Elevator</td>
<td>Will Not Sling Off</td>
</tr>
<tr>
<td>Railroads</td>
<td>Machinery</td>
<td>Doesn’t Drip or Melt</td>
</tr>
<tr>
<td>Refineries</td>
<td>Tug Boats</td>
<td>No Build Up</td>
</tr>
<tr>
<td>Fire/Police Dept.</td>
<td>Winches</td>
<td>Never Dries Out</td>
</tr>
<tr>
<td>Street Dept.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trucking Co.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utilities Co.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DIRECTIONS:**

Shake can vigorously until agitator ball inside can rattles freely for one minute. Shake can occasionally throughout application. Dual Spray Directions: PRESS VALVE DOWN for fan spray to apply a uniform film. TILT VALVE FORWARD for jet stream application in hard to reach areas. (Jet stream sprays approximately 8 feet).

**TECHNICAL DATA:**

- **Appearance and Odor:** Black, Viscous, Tacky Liquid, Mild Sweet Solvent Odor
- **Flash Point of Concentrate:** 450°F T.O.C.
- **Flammability:** Extremely Flammable Spray
- **Specific Gravity:** 1.08

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**CONTACT INFORMATION**

**OFFICE:**
1-888-6PURITY (678-7489)

**FAX**
1-877-9PURITY (978-7489)

**ADDRESS:**
114 Southfield Pkwy
Suite 120
Forest Park GA. 30297

**www.puritychemicals.com**

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SEE REVERSE SIDE FOR MSDS
MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION
Product Name: OPEN GEAR & CABLE LUBRICANT
Product Number: 79014
Product Type: AEROSOL
Supplier's Name: Purity Chemicals, Inc.
Supplier's Address: 114 Southfield Pkwy., Suite 126, Forest Park GA 30297
D.O.T. Hazard Class: CONSUMER COMMODITY - ORM-D

SECTION II · INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>%WT</th>
<th>313/Chem</th>
<th>Skin</th>
<th>Carcinogen</th>
<th>PEL</th>
<th>TWA/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trichloroethylene</td>
<td>79-01-6</td>
<td>20-40</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>50 ppm</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Liquid Petroleum Gas</td>
<td>68476-85-7</td>
<td>40-60</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Data Below Based On Aerosol Concentrate Only:
- Boiling Point: ~ 150°F
- pH: N/A
- Solubility in Water: Slight
- Appearance/Odor: Black, Viscous, Tacky Liquid, Mild Sweet Solvent Odor
- Vapor Pressure of can (psig @70°F): 55
- Total VOC %: ~ 72%

SECTION III · PHYSICAL DATA
- Vapor Density (Air=1): >1
- Specific Gravity (H2O=1) at 75°F: 1.08

SECTION IV · FIRE AND EXPLOSION DATA
- Flash Point (of Concentrate Only): ~ 45 °F (T.O.C.)
- Flammability (as per USA Flame Projection Test): Extremely Flammable Spray
- Extinguishing Media: Foam, CO2, Dry Media
- Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
- Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

SECTION V · REACTIVITY DATA
- Stability: Material Stable.
- Incompatibility: Avoid contact with strong oxidizing agents.
- Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride, Small amount of Phosgene.

SECTION VI · STORAGE AND HANDLING
- KEEP OUT OF REACH OF CHILDREN.
- For Industrial and Institutional use only.
- Store in a cool, dry area away from heat or open flame.
- Do not store at temperatures above 120° F.

SECTION VII · HEALTH AND FIRST AID
- PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:
  - Eyes: May cause slight irritation but does not injure eye tissue.
  - Skin: Frequent or prolonged contact may cause irritation.
  - Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
  - Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.
- FIRST AID PROCEDURES:
  - Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
  - Skin: Wash with soap and water. If irritation persists seek medical attention.
  - Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
  - Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA
- Respiratory Protection: None needed for proper use in accordance with label directions.
- Ventilation: Provide local exhaust to keep TLY of Section II ingredients below acceptable limits.
- Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.
- Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX · SPILL OR LEAK PROTECTION
- STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.
- WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A = NOT APPLICABLE · N/E = NOT ESTABLISHED · ND = NOT DETERMINED · <= = LESS THAN · >= = MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.