Section 1 - Chemical Product and Company Identification

Product Name: GEAR OIL (95848)
Chemical Formula: Mixture
Chemical Family: Severely Refined Mineral Oil and Additives
Manufacturer: Dynabrade Inc., 8989 Sheridan Drive, Clarence, NY 14031-1419, Phone (716) 631-0100, FAX (716) 631-2073

Section 2 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Dewaxed Residual Oil (Petroleum)</td>
<td>64742-62-7</td>
</tr>
<tr>
<td>Sulfurized olefin</td>
<td>NJTSRN 800962-5004</td>
</tr>
<tr>
<td>Molybdenum dialkyldithiocarbamate</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

EXPOSURE LIMIT:

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Dewaxed Residual Oil (Petroleum)</td>
<td>5 mg/m³*</td>
<td>5 mg/m³*</td>
<td>10 mg/m³*</td>
</tr>
<tr>
<td>Sulfurized olefin</td>
<td>n/e</td>
<td>n/e</td>
<td>n/e</td>
</tr>
<tr>
<td>Molybdenum dialkyldithiocarbamate</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

* oil mist  n/e none established  n/a none available

None of the components of this product at concentrations greater than or equal to 0.1% are listed as a carcinogen or potential carcinogen by NTP, IARC, OSHA.

Section 3 - Hazards Identification

*** Emergency Overview ***
May cause eye irritation. Prolonged and/or repeated skin contact may cause irritation. Inhalation of mist or vapor may be irritating.

PRIMARY ROUTE(S) OF ENTRY

- Eye ☐
- Skin ■
- Inhalation ☐
- Ingestion ☐

EYE: Product contacting the eyes may cause eye irritation.
SKIN: Prolonged and/or repeated skin contact may cause irritation.
INGESTION: Do not induce vomiting. Small amounts aspirated into lungs during ingestion or vomiting may cause mild to severe pulmonary injury.
INHALATION: Not expected to be a route of exposure due to low volatility of product. At elevated temperatures, vapors or mists may be produced which may cause irritation to the respiratory tract.
**Section 4 - First Aid Measures**

**SKIN:** Remove any contaminated clothing. Wash thoroughly for 15 minutes with soap and water. If irritation occurs, get medical attention.

**EYES:** Immediately flush with plenty of water for 15 minutes. If irritation persists, get medical attention.

**INGESTION:** Do not induce vomiting. Get medical attention.

**INHALATION:** If respiratory discomfort or irritation occurs, move the person to fresh air. Get medical attention. 

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

**Section 5 - Fire-Fighting Measures**

- **Flash Point:** > 400 °F (204 °C)
- **Flash Point Method:** COC
- **Flammable Limits:** (approx. % by vol. in air):
  - LEL: No data available
  - UEL: No data available
- **Autoignition Temp:** Not determined
- **Extinguishing Media:** Foam, dry chemical, carbon dioxide, water spray.
- **Unusual Fire or Explosion Hazards:** None indicated.
- **Special Fire-Fighting Procedures:** Use air-supplied breathing equipment for enclosed areas.

**Section 6 - Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Recover free product. Contain any spill to prevent entry to sewers or streams. Add sand, earth or suitable absorbent to spill area. Transfer to closed container.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

**Section 7 - Handling and Storage**

Store in closed containers away from heat or open flames. Do not store with oxidizing agents. Not for internal use. Avoid contact with skin, eye and clothing.

**Section 8 - Exposure Controls / Personal Protection**

- **Respiratory:** None under normal conditions. NIOSH-approved supplied-air respirator when exposed to mists or vapor from heated material.
- **Ventilation:** Mechanical (general) is satisfactory. Provide ventilation sufficient to prevent exceeding recommended exposure limits.
- **Hands:** Oil impervious gloves, if needed, to avoid prolonged or repeated skin contact.
- **Eyes:** Splash goggles or face shield when eye contact may occur.
- **Other:** Avoid contact with skin and eyes. Wash thoroughly after handling.

**Section 9 - Physical and Chemical Properties**

- **Appearance and Odor:** Green color: mild sulfur odor
- **Boiling Point:** Not determined
- **Specific Gravity (H₂O = 1):** ~0.90
- **Vapor Pressure (mm Hg):** Not determined
- **Vapor Density (Air = 1):** Not determined
- **Physical Form:** Liquid
- **Solubility in water:** Insoluble
- **Evaporation Rate (Butyl acetate = 1):** < 1

**Section 10 - Stability and Reactivity**

- **Hazardous Decomposition or Byproducts:** Hydrogen sulfide, Oxides of carbon, nitrogen, phosphorus and sulfur.
- **Hazardous Polymerization:** Will not occur.
- **Stability:** Stable

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**CHRONIC EFFECTS OF OVEREXPOSURE**

Prolonged and/or repeated exposure may cause irritation to the skin, eyes, or respiratory tract.

**MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE**

No specific information available.
### Incompatibility
Avoid contact with strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite, etc.

### Section 11 - Toxicological Information
This product is a mixture not tested as a whole for toxicity. A threshold limit value of 5mg/m³ is suggested for oil mist.

### Section 12 - Ecological Information
Not available.

### Section 13 – Waste Disposal Methods
Dispose of in accordance with all applicable local, state and federal regulations. Use licensed waste oil disposal contractor, remove to regulated landfill, or incinerate in an approved facility. Empty containers may contain product residue. Do not cut, heat or weld on or around empty containers.

### Section 14 - Transport Information
Not regulated by US DOT, IMO or ICAO.

### Section 15 - Regulatory Information
All components of this product are listed on the TSCA Inventory.
This product does not contain a following SARA Title 3 Section 313 (40 CFR 372) reportable chemical.
This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

### Section 16 - Other Information
This information is furnished without warranty, expressed or implied, expect that it is accurate to the best knowledge of Dynabrade, Inc. Dynabrade, Inc. assumes no legal responsibility for the use or reliance upon this data. Please note that the chemical identity of some or all of the ingredients that may or may not be listed herein is confidential business information and is being withheld as permitted by 29 CFR 1910.1200 and various state right-to-know laws.