**MATERIAL SAFETY DATA SHEET**

**Product Name:** Yukon Gear & Axle Lube  
**Chemical Family:** Petroleum based lubricant  
**Use:** Anti-seize (MIL-PRF-907E)/EP lubricant  
**Manufacturer/Supplier:** JET-LUBE, INC.  
**Address:** 4849 Homestead Rd., Ste. #232  
**Houston, TX, 77028 USA**  
**Phone:** 713-670-5700  
**Emergency Phone:** 713-670-5700  
**Fax:** 713-870-4604  
**Chemtrec 24 hours (USA):** 800-424-9300  
**Outside the USA:** 703-527-3887

### Hazardous Components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Wt%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits of Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricating grease</td>
<td>74869219</td>
<td>45-50</td>
<td>Oil mist</td>
<td>N/A</td>
<td>STEL: 10mg/M³</td>
</tr>
<tr>
<td>Nonhazardous Blend</td>
<td>14807966/13463677</td>
<td>40-60</td>
<td>TWA-5mg/M³</td>
<td>UN</td>
<td>STEL: UN</td>
</tr>
</tbody>
</table>

### Main Hazards—Health Effects

**Eyes:** May cause irritation. Inhalation: Viscous nature may block breathing passages if inhaled. Ingestion: May cause diarrhea.

**Skin:** For hypersensitive persons, may irritate the skin after prolonged periods of contact.

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help. Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help. Ingestion: Wash out mouth immediately. Consult physician. Skin: Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

**Extinguishing Media:** Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist. **Unsuitable Extinguishing Media:** Water jet.

### Protective Equipment for Fire fighting

**Self-contained breathing apparatus.**

### Personal Precautions

**Wear gloves & protective overalls.** Environmental Precautions: Do not allow it to enter drains. Spillage: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

**Handling:** No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

**Respiratory Protection:** None needed. **Hand Protection:** Protective gloves for hypersensitive persons.

**Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** Overalls.

### Physical State

**Color:** Beige **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** 500 (260)

**Melting Point °F (°C):** 400 (204) **Flash Point (COG) °F (°C):** >430 (221) **Autoignition Temperature °F (°C):** >500 (260)

**Explosive Properties:** 
- **LEL:** 0.9%  
- **UEL:** 7%  
- **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** N/A

**Vapor Pressure (kPa):** <0.01 **Percent Volatiles:** Nil **Density (g/cm³):** 1.26 **Flammability:** Not flammable at ambient temperature. **OAR Value:** N/A **Oxidizing Properties:** None **Water Solubility:** Nil **Vapor Density:** >5

### Stability

Chemically stable under normal conditions. No photoactive agents. **Conditions to Avoid:** Powerful sources of ignition & extreme temps. Materials to Avoid: Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon, sulfur & nitrogen. **Residue:** main comprised of soot & mineral oxides. **Acute Toxicity:** Not known. **Irritancy—Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known. **Genotoxicity:** None known. **Chronic Toxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No IARC: No OSHA: No **EC Classification (67/548/EEC):** No **Allergens:** None known. **LC-50:** 1.98gm/l—actual test data - myositis baha. **LD-50:** N/A

### Possible Effects

In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely. **Behavior:** Relatively well behaved. Bioaccumulation potential nil. **Environmental Fate:** Highly unlikely to cause widespread contamination. Nontoxic to marine or land organisms.

### Product Disposal

Do not incinerate. Contact waste disposal company or local authority for advice. Container Disposal: Pails without liner—see Product Disposal section above. Pails with plastic liner—pail may only be disposed of via standard waste disposal services, recycled or reused. **Linier—see Product Disposal section above.**

Not classified as hazardous for transport. **D.O.T.:** Nonhazardous **UN No.:** Nonhazardous **Air Transport (ICAO & IATA):** Nonhazardous **Sea Transport (IMO & IMDG):** Nonhazardous **Road & Rail Transport (ADR/RID):** Nonhazardous

### Labeling Information

None needed **EC Annex 1 Classification:** Not Applicable. **R Phrases:** R22—harmful if swallowed. **S Phrases:** N/A, as known. **Ozone Depleting Chemicals:** N/A **TSCA:** WHMIS (Canada): Not controlled. **Canadian DSL:** All components listed. SARA 313/312: None **CERCLA:** Nonhazardous **RCRA Hazard Class:** Nonhazardous

### SDS first issued. SDS data revised. New Jersey Right To Know: See Section II

### Signature:

Prepared by: Donald A. Oldiges  
**Date Issued:** February 22, 2012

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**Legend:**

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<th>I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY</th>
<th>X. PHYSICAL AND CHEMICAL PROPERTIES</th>
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<td>II. COMPOSITION INFORMATION ON INGREDIENTS</td>
<td>XI. TOXICOLOGICAL INFORMATION</td>
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<tr>
<td>III. HAZARDS IDENTIFICATION</td>
<td>XII. ECOLOGICAL INFORMATION</td>
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<td>IV. FIRST AID MEASURES</td>
<td>XIII. WASTE DISPOSAL</td>
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<td>VI. ACCIDENTAL RELEASE MEASURES</td>
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<td>VII. HANDLING AND STORAGE</td>
<td>XVI. OTHER INFORMATION</td>
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**NFPA SYMBOL:**

- **FLAMMABILITY:** 1  
- **REACTIVITY:** 0  
- **TOXICITY:** 1  
- **PERSONAL PROTECTION INDEX:** B1

**HMIS SYMBOL:**

- **HEALTH:** 1  
- **FLAMMABILITY:** 1  
- **REACTIVITY:** 0  
- **PPE:** B1