Chain And Guide Bar Lube

SECTION 1: PRODUCT IDENTIFICATION

Product Name         Chain And Guide Bar Lube
Product Code #       645
CAS #                Not applicable for mixtures
Manufacturer         Royal Mfg Co, LP
Synonym              Not applicable
Chemical Name        Not applicable
Chemical Formula     Not applicable
Trade Secret         No
Address              516 S. 25th West Ave.
                     Tulsa, OK 74127
Phone                (918) 584-2671
Emergency Contact    CHEMTREC (24 hour Emergency Telephone), call: 1-800-424-9300
                     International CHEMTREC, call: 1-800-255-3924
Recommended Use      N/A
Restrictions on Use  This product must not be used in applications other than recommended in
                     Section 1 without taking the advice from supplier/manufacturer.

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications:     Aquatic Hazard – Acute: Category 3
                     Aquatic Hazard – Long-term: Category 4
Pictograms:          None
Signal Word:         None
Hazard Statements:   Harmful to aquatic life.
                     May cause long lasting harmful effects to aquatic life.
Precautionary
                   Statements:
P101: If medical advice is needed have product container or label at hand
P102: Keep out of reach of children
P103: Read Label before use
P210: Keep away from Heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking.
P211: So not spray on an open flame or other ignition source.
P232: Protect from Moisture.
P233: Keep container tightly closed
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection
P404: Store in a closed container
Percent of the
mixture consisting
of ingredient(s) of
unknown toxicity:
None
SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Designation</th>
<th>% of Comp.</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

**Skin:** Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

**Ingestion:** Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

**Fire Hazard:** No

**Flash Point °C (°F):** > 93.0° (199.4°)

**Flammable Limits:**
- LOWER: Not determined
- UPPER: Not determined

**Extinguishing Media:**
- Water Mist
- Foam
- Dry Powder
- CO2

**Special protective Equipment and firefighting procedures:** Not determined

**Unusual Fire & Explosion:** Not determined

SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

**Spills / Leaks:** Isolate the spill/leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks/flames in close vicinity). Keep unauthorized persons away and ventilate closed space before entering.

SECTION 7: HANDLING & STORAGE

**Handling:** Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes skin and clothing.

**Storage:** Store in a sealed container in a cool, dry environment.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:**
- OSHA Permissible: 5 mg/m³
- Threshold Limit Values (TLVs):
  - 10 mg/m³

**Engineering Controls:** N/A

**Personal Protective Equipment:** Face:
Eyes: Safety Glasses  
Skin: Gloves  
Respiratory:  
Pictograms: 

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Dark tacky liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Petroleum</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point °C (°F):</td>
<td>Not determined</td>
</tr>
<tr>
<td>Freezing Point °C (°F):</td>
<td>Not determined</td>
</tr>
<tr>
<td>Pour Point °C (°F):</td>
<td>-20.0° (-4.0 °)</td>
</tr>
<tr>
<td>Boiling Range:</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point °C (°F):</td>
<td>&gt; 199.4° (93.0°)</td>
</tr>
<tr>
<td>Flash Point Method used:</td>
<td>ASTM D92</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability:</td>
<td>None</td>
</tr>
<tr>
<td>Upper Flammability/Explosive Limit:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Lower Flammability/Explosive Limit:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Temperature °C (°F):</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Not Water Soluble</td>
</tr>
<tr>
<td>Partition Coefficient:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity (cSt):</td>
<td>12.00 @ 100° C</td>
</tr>
<tr>
<td>VOC Content:</td>
<td>N/A</td>
</tr>
<tr>
<td>VOC Less Water &amp; Exempts:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity: Not determined  
Chemical Stability: Stable under normal ambient temperature and conditions.  
Conditions to Avoid: Extreme temperature and direct sunlight/heat/flame  
Materials to Avoid: Strong oxidizing agents  
Hazardous Decomposition: Not expected

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation  
Description of effects from short- and long-term exposure: Not known  
Description of symptoms: Not known  
Measure of toxicity: Not known

Ingestion  
Description of effects from short- and long-term exposure: Not known  
Description of symptoms: May cause nausea and vomiting.  
Measure of toxicity: Not known

Eyes  
Description of effects from short- and long-term exposure: Not known  
Description of symptoms: Contact may cause eye irritation.  
Measure of toxicity: Not known
## Skin

**Description of effects from short- and long-term exposure:**
Not known

**Description of symptoms:**
Prolonged or repeated skin contact may cause irritation.

**Measure of toxicity:**
Not known

### Carcinogens listing:
- **NTP:** No
- **IARC:** No
- **OSHA:** No
- **GHS:** No

**Chronic Toxicity:** No

## SECTION 12: ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No data available

**Biodegradability:** No data available

**Bioaccumulation:** No data available

## SECTION 13: DISPOSAL CONSIDERATION

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location.

## SECTION 14: TRANSPORT INFORMATION

- **UN Number:**
- **Proper Shipping Name:** Royal Chain and Guide Bar Lube

### Pictograms:

## SECTION 15: REGULATORY INFORMATION

- **OSHA Regulated Hazard:** No
- **DOT Regulated:** No
- **E C Classification:** Non-applicable
- **TSCA Status:** In compliance with TSCA inventory requirements for commercial purposes
- **SARA 312 Regulated Chemical(s):** No
- **SARA 313 Regulated Chemical(s):** No
- **EPA Registration Number:** Non-applicable
- **California Prop. 65:** None
  - **PA Right to know Chemical(s):** None known
- **NJ Right to know Chemical(s):** None known
- **Additional State Regulations:** None known
- **Canada:** Non-applicable
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