LAT Engine Advanced Assembly Lube

1. Identification of the preparation and company

Preparation/Product Name: LAT Engine Advanced Assembly Lube
Product Code: 50375
Company Name: LAT RACING OILS
Address: 1015 E ELM AVE
            FULLERTON CA 92831
Telephone No.: (714) 585-3247
24 hour Emergency Telephone No.: (800) 424-9300
General MSDS: (562) 776-4000

2. Hazard identification of the product

Warning

GHS Classification:

<table>
<thead>
<tr>
<th>Item</th>
<th>Category</th>
<th>Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Acute Toxicity (mouth)</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Acute Toxicity (skin)</td>
<td>5</td>
<td>May be harmful in contact with skin</td>
</tr>
<tr>
<td>Acute Toxicity (inhalation)</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Acute Toxicity (ingestion)</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Eye damage/irritation</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Sensitization (respiratory)</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Sensitization (skin)</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Germ toxicity</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific target organ</td>
<td>1</td>
<td>No target organs for this category.</td>
</tr>
<tr>
<td>systemic toxicity (single exposure)</td>
<td>2</td>
<td>No target organs for this category.</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>No target organs for this category.</td>
</tr>
<tr>
<td>Specific target organ</td>
<td>1</td>
<td>No target organs for this category.</td>
</tr>
<tr>
<td>systemic Toxicity</td>
<td>2</td>
<td>No target organs for this category.</td>
</tr>
<tr>
<td>(repeated exposure)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Harmfulness to aquatic</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environment (acute)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harmfulness to aquatic</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environment (long term effect)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Organic Peroxide</td>
<td>Not classified</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Safety Phrases:

3. Composition/information on ingredients

Mixture: Yes

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>000064-17-5</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Metal Salt</td>
<td>Proprietary or N/A</td>
<td>&lt;3</td>
</tr>
<tr>
<td>Olefin Copolymer</td>
<td>Proprietary or N/A</td>
<td>&lt;50</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic</td>
<td>064742-52-5</td>
<td>&lt;50</td>
</tr>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>068649-42-3</td>
<td>&lt;3</td>
</tr>
<tr>
<td>Polybutene</td>
<td>009003-29-6</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Silane, dichlorodimethyl-, reaction products with Silica</td>
<td>068611-44-9</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000(z)
4. First aid measures

**Inhalation**
Remove exposed person to fresh air. If breathing is labored, administer oxygen and obtain immediate medical attention. If irritation persists or if toxic symptoms are observed, get medical attention.

**Eye Contact**
Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

**Skin Contact**
Wash immediately with soap and water. Remove soiled clothing. Get medical attention if irritation develops. Launder contaminated clothing.

**Ingestion**
DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

5. Fire-fighting measures

**Flash Point °C**
180

Slightly Combustible. May release flammable vapors when heated above flash point.

**Extinguishing Media**
Carbon Dioxide, dry chemical, or foam. Avoid using water.

**Combustion Products**
Carbon monoxide and asphyxiants.

**Special Fire Procedures**
Recommend SCBA. Use water only for cooling container. Water may cause splattering, or transport the flame.

6. Accidental release measures

Evacuate all non-essential personnel. Personal Protective Equipment must be worn, see PPE section 8 & 16. Remove sources of ignition. Prevent entry into sewers and waterways. Contain release, pick up free liquid for recycling or disposal. Residual liquid can be absorbed with inert material. Check DOT/CERCLA and other agencies for reporting requirements.

Prevent contamination to soil, waterway and sewer systems.

7. Handling and storage

**Handling**
Avoid prolonged skin contact, breathing vapors, and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Empty containers retain material residue. Do not cut, weld, braze, solder or expose containers to other ignition sources.
8. Exposure controls and personal protection

Exposure Limits
The PEL (OSHA) and the TLV (ACGIH) is 5 mg/m³ for oil mists.

Ventilation
Use in areas of adequate ventilation. Use mechanical exhaust to control vapors or mists.

Gloves
Nitrile or neoprene gloves are recommended.

Eye Protection
Safety glasses, goggles, or face shield are recommended.

Respiratory Protection
Use NIOSH/MSHA approved respirator with organic vapor cartridge and dust/mist cartridge is recommended if exposure limit is exceeded. Self-contained breathing apparatus is recommended for confined space entry.

Clothing
Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>RED OILY LIQUID</td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum Odor</td>
</tr>
<tr>
<td>Flash Point °C</td>
<td>&gt;180</td>
</tr>
<tr>
<td>Boiling Point °C</td>
<td>N/D</td>
</tr>
<tr>
<td>VOC %</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td></td>
</tr>
<tr>
<td>Specfic Gravity</td>
<td>0.892</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>negligible</td>
</tr>
<tr>
<td>Vapor Pressure &lt;0.01 mmHg @ 20 °C</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier than air.</td>
</tr>
<tr>
<td>Evaporation Point</td>
<td>less than ether</td>
</tr>
<tr>
<td>Flammability</td>
<td>Materials classified as DOT Combustible Liquids (Flash Point &gt; 141°F and &lt; 200°F) are not regulated by DOT in containers of 110 gallons, or less for domestic shipments.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Stability
Material is normally stable at ambient temperature and pressure.

Conditions to Avoid
Do not store with strong oxidizing agents. Keep away from heat, sparks, open flame, or all sources of ignition.

Polymerization
Will not occur.

Decomposition
Carbon dioxide, carbon monoxide.

11. Toxicological information
<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LD50, mg/L/4hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>1,501.00, Rat - Category: 4</td>
<td>-----</td>
<td>124.70, Rat - Category: NA</td>
</tr>
<tr>
<td>Metal Salt</td>
<td>7,350.00, rat - Category: NA</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>Olefin Copolymer</td>
<td>&gt; 5,000, rat - Category: NA</td>
<td>&gt; 2,000, rabbit - Category: 5</td>
<td>-----</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic</td>
<td>&gt; 5,000, rat - Category: NA</td>
<td>5,000.00, rabbit - Category: 5</td>
<td>-----</td>
</tr>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>2,000.00, rat - Category: 4</td>
<td>2,000.00, rat - Category: 4</td>
<td>5.00, rat - Category: 3</td>
</tr>
<tr>
<td>Polybutene</td>
<td>34,600.00, rat - Category: NA</td>
<td>10,250.00, rabbit - Category: NA</td>
<td>-----</td>
</tr>
<tr>
<td>Silane, dichlorodimethyl-, reaction products with Silica</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
</tbody>
</table>

**Oral Toxicity**
Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.

**Eye Irritation**
Not expected to cause eye irritation.

**Skin Irritation**
Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.

**Carcinogenicity**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Ingredient</th>
<th>OSHA</th>
<th>NTP</th>
<th>IARC</th>
<th>California OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>000064-17-5</td>
<td>Ethyl alcohol</td>
<td>Select Carcinogen: No</td>
<td>Known: No; Suspected: No</td>
<td>Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;</td>
<td>Listed: No</td>
</tr>
<tr>
<td>Proprietary or N/A</td>
<td>Metal Salt</td>
<td>Select Carcinogen: No</td>
<td>Known: No; Suspected: No</td>
<td>Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;</td>
<td>Listed: No</td>
</tr>
<tr>
<td>Proprietary or N/A</td>
<td>Olefin Copolymer</td>
<td>Select Carcinogen: No</td>
<td>Known: No; Suspected: No</td>
<td>Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;</td>
<td>Listed: No</td>
</tr>
<tr>
<td>064742-52-5</td>
<td>Petroleum distillates, hydrotreated heavy naphthenic</td>
<td>Select Carcinogen: No</td>
<td>Known: No; Suspected: No</td>
<td>Group 1: No; Group 2A: No; Group 2B: No; Group 3: No; Group 4: No;</td>
<td>Listed: No</td>
</tr>
</tbody>
</table>
12. Ecological information

This material is expected to have adverse effects on marine and plant life. Spills may contaminate drinking water.

13. Disposal considerations

Consult federal, state and local regulations regarding disposal methods, recycle used oil. Do not contaminate used oil with solvents or other chemicals.

14. Transport information

See 49 CFR part 171.8 through 178.510

**Proper Shipping Name**  
Oil, n.o.s

**Hazard Class**  
Not regulated

**UN No**  
Not applicable

**Packaging Group**  
Not applicable

**Marine Pollutant**  
No

**GHS Hazard Class**  
Not applicable

**GHS Shipping Information**  
Not applicable
15. Regulatory information

TSCA: All components of this product are listed on the United States TSCA
(Toxic Control Substance Act) Inventory.
RCRA: Not RCRA regulated

SARA 311/312 (>0.1%): Not applicable
SARA 313 (>0.1%):
   Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

CERCLA (>0.1%):
Inventory - Canada - Non-Domestic Substances List (NDSL):
   Not applicable
California Proposition 65 Cancer:
   Not applicable
California Proposition 65 Developmental:
   Ethyl alcohol (<1 %)
California Proposition 65 Female Reproductive:
   Not applicable
California Proposition 65 Male Reproductive:
   Not applicable

Inventory - Australia - Inventory of Chemical Substances (AICS):
   Calcium Sulfonate
   Ethyl alcohol
   Petroleum distillates, hydrotreated heavy naphthenic
   Petroleum distillates, hydrotreated heavy paraffinic
   Petroleum distillates, hydrotreated light paraffinic
   Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
   Polybutene
   Silane, dichlorodimethyl-, reaction products with Silica

Inventory - Japan Existing and New Chemical Substances (ENCS):
   Ethyl alcohol (2-202)
   Petroleum distillates, hydrotreated heavy naphthenic
Petroleum distillates, hydrotreated heavy paraffinic
Petroleum distillates, hydrotreated light paraffinic
Polybutene (6-774)

Korean Existing Chemicals Inventory:
Ethyl alcohol
Petroleum distillates, hydrotreated heavy naphthenic
Petroleum distillates, hydrotreated heavy paraffinic
Petroleum distillates, hydrotreated light paraffinic
Polybutene

Inventory of Existing Chemical Substances in China:
Calcium Sulfonate
Petroleum distillates, hydrotreated heavy paraffinic
Petroleum distillates, hydrotreated light paraffinic
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
Polybutene

Philippines Inventory of Chemicals and Chemical Substances (PICCS):
Calcium Sulfonate
Ethyl alcohol
Petroleum distillates, hydrotreated heavy naphthenic
Petroleum distillates, hydrotreated heavy paraffinic
Petroleum distillates, hydrotreated light paraffinic
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
Polybutene
Silane, dichlorodimethyl-, reaction products with Silica

Taiwan List of Toxic Chemical Substances regulated under Toxic Chemical Substances Control Act:
Not applicable

EU REACH: Annex XVII, Dangerous Substances and Preparations:
Petroleum distillates, hydrotreated heavy naphthenic
Petroleum distillates, hydrotreated heavy paraffinic
Petroleum distillates, hydrotreated light paraffinic

Inventory - European Union - European Inventory of Existing
Commercial Chemical Substances (EINECS):

- Calcium Sulfonate
- Ethyl alcohol (200-578-6)
- Olefin Copolymer
- Petroleum distillates, hydrotreated heavy naphthenic (265-155-0)
- Petroleum distillates, hydrotreated heavy paraffinic (265-157-1)
- Petroleum distillates, hydrotreated light paraffinic (265-158-7)
- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (272-028-3)
- Polybutene
- Silane, dichlorodimethyl-, reaction products with Silica (271-893-4)

EU List of Notified Chemical Substances (ELINCS):

Not applicable

Risk Phrases:

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16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health:</th>
<th>NFPA</th>
<th>Health:</th>
<th>Fire:</th>
<th>Fire:</th>
<th>Reactivity:</th>
<th>PPE:</th>
<th>Special</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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