LA-CO Precision Spout Oiler

LA-CO Industries, Inc.

Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada HPR

Date of issue: 05/19/2017 Version: 1.0

SECTION 1: Identification

1.1. Identification
Product form : Mixture
Product name : LA-CO Precision Spout Oiler

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : Lubricant
Restrictions on use : No additional information available

1.3. Details of the supplier of the safety data sheet
LA-CO Industries, Inc.
1201 Pratt Boulevard
Elk Grove Village, IL 60007-5746
Phone: (847) 956-7600
Fax: (847) 956-9885
E-mail: customer_service@laco.com

1.4. Emergency telephone number

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412
Full text of H statements : see section 16

2.2. Label elements
GHS-US labelling
Hazard statements (GHS-US) : H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (GHS-US) : P273 - Avoid release to the environment
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (DMSO &lt; 3%)</td>
<td>(CAS-No.) 64742-54-7</td>
<td>&gt;= 95</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
| 2,6-Di-tert-butyl-4-methylphenol          | (CAS-No.) 128-37-0 | 0.1 - 0.5 | STOT RE 2, H373
                                                |                     |    | Aquatic Acute 1, H400                   |
                                                |                     |    | Aquatic Chronic 1, H410                |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Allow the victim to rest.
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First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. **Most important symptoms and effects, both acute and delayed**
Symptoms/effects after skin contact : Repeated or prolonged skin contact may cause dermatitis and defatting.

4.3. **Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. **Extinguishing media**
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. **Special hazards arising from the substance or mixture**
Fire hazard : Burning produces irritating, toxic and noxious fumes.
Reactivity : No dangerous reactions known.

5.3. **Advice for firefighters**
Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**
General measures : Avoid all eye and skin contact and do not breathe vapour and mist. Use personal protective equipment as required. Remove ignition sources.

6.1.1. **For non-emergency personnel**
Protective equipment : Refer to section 8.2.
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. **For emergency responders**
Protective equipment : Refer to section 8.2.
Emergency procedures : Ventilate area.

6.2. **Environmental precautions**
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. **Methods and material for containment and cleaning up**
For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. **Reference to other sections**
Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. **Precautions for safe handling**
Precautions for safe handling : Use personal protective equipment as required. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid all eye and skin contact and do not breathe vapour and mist. Use only outdoors or in a well-ventilated area. Keep away from sources of ignition - No smoking.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.

7.2. **Conditions for safe storage, including any incompatibilities**
Storage conditions : Keep container closed when not in use.
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Incompatible materials: Sources of ignition. Direct sunlight.
Storage area: Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>LA-CO Precision Spout Oiler</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>2,6-Di-tert-butyl-4-methylphenol (128-37-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>URT irr</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Canada (Quebec)</td>
<td>VEMP (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>DNEL</td>
<td>DNEL</td>
<td>0.5 ppm Dermal</td>
</tr>
<tr>
<td>PNEC</td>
<td>PNEC</td>
<td>199 mg/l Freshwater</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (DMSO &lt; 3%) (64742-54-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH STEL (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Avoid creating mist or spray. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide local exhaust or general room ventilation.

Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear suitable gloves resistant to chemical penetration. Nitrile rubber gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of excessive dust production. Approved respirator.

Other information: Prevent leakage or spillage.

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear.</td>
</tr>
<tr>
<td>Colour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour</td>
<td>petroleum</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>223 °C</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : 31.4 cSt
Viscosity, dynamic : No data available
Explosive limits : No data available
Explosive properties : No data available
Oxidising properties : No data available

9.2. Other information
VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known.

10.2. Chemical stability
Stable under normal conditions of use.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products
Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure : Inhalation; Skin and eye contact
Acute toxicity : Not classified

2.6-Di-tert-buty1-4-methylphenol (128-37-0)

LD50 oral rat : 6000 mg/kg
LD50 dermal rabbit : > 2000 mg/kg
ATE US (oral) : 6000 mg/kg bodyweight

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)

LD50 oral rat : > 5000 mg/kg
LD50 dermal rabbit : > 2000 mg/kg
LC50 inhalation rat (mg/l) : > 5.53 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
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### 2,6-Di-tert-butyl-4-methylphenol (128-37-0)

<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>NOAEL (oral, rat, 90 days)</td>
<td>25 mg/kg bodyweight/day Digestive, live, urogenital, kidneys, glandular, thyroids, adrenal gland.</td>
</tr>
</tbody>
</table>

**Aspiration hazard**: Not classified

**Symptoms/effects after skin contact**: Repeated or prolonged skin contact may cause dermatitis and defatting.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Ecology - water**: Harmful to aquatic life with long lasting effects.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-Di-tert-butyl-4-methylphenol (128-37-0)</td>
<td></td>
</tr>
<tr>
<td>LC50 fish 1</td>
<td>0.199</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>0.48 mg/l</td>
</tr>
<tr>
<td>EC50 other aquatic organisms 1</td>
<td>0.758 mg/l</td>
</tr>
<tr>
<td>NOEC (acute)</td>
<td>0.15 mg/l</td>
</tr>
</tbody>
</table>

**Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt; 10000 mg/l</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

**LA-CO Precision Spout Oiler**

**Persistence and degradability**

May cause long-term adverse effects in the environment.

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<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>2,6-Di-tert-butyl-4-methylphenol (128-37-0)</td>
<td></td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not readily biodegradable. May cause long-term adverse effects in the environment.</td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

**LA-CO Precision Spout Oiler**

**Bioaccumulative potential**

Not established.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-Di-tert-butyl-4-methylphenol (128-37-0)</td>
<td></td>
</tr>
<tr>
<td>Log Pow</td>
<td>5.2</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>This product is not bioaccumulating.</td>
</tr>
</tbody>
</table>

#### 12.4. Mobility in soil

**LA-CO Precision Spout Oiler**

**Ecology - soil**

Not established.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-Di-tert-butyl-4-methylphenol (128-37-0)</td>
<td></td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>Absorbs to soil particles and will not be mobile.</td>
</tr>
</tbody>
</table>

#### 12.5. Other adverse effects

**Other information**

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste disposal recommendations**

Dispose in a safe manner in accordance with local/national regulations.

**Ecology - waste materials**

Avoid release to the environment.

### SECTION 14: Transport information

In accordance with US-DOT 49-CFR and the HMR / TDG / ADR / IMDG / ICAO / IATA

In accordance with DOT

Not regulated.

**Transportation of Dangerous Goods**

Not regulated.

**Transport by sea**

Not regulated.

**Air transport**

Not regulated.

05/19/2017  EN (English)  5/6
SECTION 15: Regulatory information

15.1. US Federal regulations
   All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2. International regulations
   National regulations

   LA-CO Precision Spout Oiler
   All ingredients are listed in the Domestic Substances List (DSL).
   All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

15.3. US State regulations
   California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

Data sources:
   - ACGIH (American Conference of Government Industrial Hygienists).

Other information:
   - None.

Full text of H-statements:

<table>
<thead>
<tr>
<th>H373</th>
<th>May cause damage to organs through prolonged or repeated exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

Abbreviations and acronyms:
   - ACGIH (American Conference of Government Industrial Hygienists)
   - CAS (Chemical Abstracts Service) number
   - CLP: Classification, Labelling, Packaging.
   - GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
   - OSHA: Occupational Safety & Health Administration
   - PBT: Persistent, Bioaccumulative, Toxic
   - TSCA: Toxic Substances Control Act

NFPA health hazard:
   - 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard:
   - 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity:
   - 0 - Normally stable, even under fire exposure conditions, and not reactive with water.

SDS Prepared by: The Redstone Group, LLC
   6077 Frantz Rd.
   Suite 206
   Dublin, OH USA 43016
   T 614-923-7472
   www.redstonegrp.com

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.