



Safety Data Sheet

Soluble Oil with Biocide

1. Identification

Product Name Soluble Oil with Biocide
Product Code(s) 54622
Recommended Use Oil with Biocide
Company D-A Lubricant Company, Inc.
801 Edwards Drive
Lebanon, IN 46052
1-317-923-5321
www.dalube.com
Emergency Telephone Number(s) Chemtrec 1-800-424-9300 (24 HRS)
Revision Date 4/4/2017

2. Hazards Identification

GHS Classification This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Signal Word Not applicable
Hazard Statements Not applicable
Other Hazard Information Not applicable
GHS Pictogram Not applicable
Precautionary Statements Not applicable

3. Composition / Information on Ingredients

| CAS No. | Component | Common Name | Percent |
|--|-----------|-------------|---------|
| <i>This product does not contain ingredients that are hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)</i> | | | |

4. First Aid Measures

Eyes Check for and remove any contact lenses. Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.

Skin In case of contact, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. Get medical attention if irritation develops.

Ingestion First aid is normally not required. Get medical attention if discomfort develops.

Note to Physicians No specific treatment. Treat symptomatically. Contact poison

4. First Aid Measures

treatment specialist if large quantities have been ingested or inhaled.

5. Fire Fighting Measures

Suitable Extinguishing Media

Use dry chemical, CO₂, water spray (FOG) or foam

Unsuitable Extinguishing Media

Avoid solid water stream as it may scatter and spread fire.

Specific Hazards Arising from Chemical

Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

Protective Equipment and Precautions for Firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal Precautions

Put on appropriate personal protective equipment.

Environmental Precautions

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment

Stop leak if without risk.

Methods for Cleanup

Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container

7. Handling and Storage

Handling Procedures

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

Shipping and Storing Procedures

Keep container tightly closed in a dry place. Keep away from heat. Protect from light. Keep in properly labeled containers. Keep out of the reach of children.

Incompatibilities:

Oxidizing Agents

8. Exposure Controls / Personal Protection

Component Exposure Limits*

ACGIH TLV

Short-term value – 10mg/m³

Long-term value – 5 mg/m³

OSHA PEL

Long-term value – 5 mg/m³

Engineering Controls

Material should be handled in enclosed vessels and equipment only if aerosolized and/or misted. Use only in adequate ventilation if this occurs. Use process enclosures, local exhaust ventilation or other

8. Exposure Controls / Personal Protection

Eye/Face Protection
Skin Protection
Respiratory Protection
General Hygiene

engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
 Safety glasses
 Normal work gloves are appropriate
 No special requirements under ordinary conditions of use and with adequate ventilation.
 Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

9. Physical and Chemical Properties

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Please see the Product Specification Sheet for further information.

| | | | |
|------------------------------------|-----------------|---|---------------|
| Appearance | Yellow to Amber | Flammability | Not available |
| Physical State | Liquid | Upper/Lower Flammability Limits | Not available |
| Odor | Mild | Vapor Pressure (kPa at 20°C) | 0 |
| Odor Threshold | Not available | Vapor Density | Not available |
| pH | Not available | Relative Density (lbs/gal) | Not available |
| Melting/Freezing Point (°F) | Not available | Water Soluble | No |
| Initial Boiling Point (°F) | Not available | Partition Coefficient: n-octanol/water | Not available |
| Boiling Range (°F) | Not available | Auto-ignition Temperature (°F) | Not available |
| Flash Point (°F) | 309 | Decomposition Temperature (°F) | Not available |
| Evaporation Rate | Not available | Viscosity (40°C mm²/s) | 40 |

10. Chemical Stability & Reactivity Information

Reactivity Polymerization will not occur
Chemical Stability Stable under normal conditions
Hazardous Reactions None, under normal processing.
Conditions to Avoid High temperatures
Incompatibility Strong acids and oxidizing materials
Hazardous Decomposition Products Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

11. Toxicological Information

Acute Exposure
Respiratory Irritation Not expected to pose respiratory irritation. An inhalation hazard may only arise

| |
|--------------------------------------|
| 11. Toxicological Information |
|--------------------------------------|

| | |
|------------------------------|--|
| | if product is aerosolized or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract. Based on data from similar materials. |
| Eye Irritation | Not expected to cause irritation under normal use. |
| Skin Irritation | Not expected to cause irritation under normal use. |
| Sensitization | Not expected to cause skin or respiratory sensitization. |
| Aspiration Hazards | Not expected to pose an aspiration hazard if swallowed. |
| Chronic Exposure | |
| Target Organ Effects | No data available to indicate product or components at greater than 1% are chronic health hazards. |
| Carcinogenicity | No data available to indicate product or any components present at greater than .1% are carcinogenic. |
| Mutagenicity | No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic. |
| Reproductive Toxicity | No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity. |
| Teratogenicity | No data available to indicate product or any components contained at greater than .1% may cause birth defects. |

| |
|---|
| Component Analysis – LD50 / LC50 |
|---|

| | | | |
|--|----------------------|------|-------|
| | Oral LD50 Rat | >500 | mg/kg |
|--|----------------------|------|-------|

| |
|-----------------------------------|
| 12. Ecological Information |
|-----------------------------------|

| |
|---|
| Component Analysis- Ecotoxicity – Aquatic Life |
|---|

No data available

| | |
|--|----------------|
| Persistence & Degradability | Not determined |
| Bioaccumulation Potential | Not determined |
| Soil Mobility | Not determined |
| Other Adverse Effects | Not determined |

| |
|------------------------------------|
| 13. Disposal Considerations |
|------------------------------------|

| |
|------------------------------|
| Disposal Instructions |
|------------------------------|

The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

| |
|---------------------------------------|
| 14. Transportation Information |
|---------------------------------------|

| | | | |
|-------------------------------------|-----------|---|---------------|
| Emergency Response Guide No. | 171 | <i>North American Emergency Response Guide Book</i> | |
| U.S. DOT | UN Number | Shipping Name (technical name) | Hazard Class |
| | | Not Regulated | Packing Group |

| |
|---------------------------------------|
| 14. Transportation Information |
|---------------------------------------|

| | |
|-----------------|---------------|
| Bulk | |
| U.S. DOT | Not Regulated |
| Non-Bulk | |
| IATA | Not Regulated |
| IMDG | Not Regulated |

| |
|-----------------------------------|
| 15. Regulatory Information |
|-----------------------------------|

| | | | | | | | | | |
|---|--|---------------------|----|-----------------------|----|--------------------|----|--------------------------|----|
| SARA Extremely Hazardous Substances (Sections 302 & 304) | This product does not contain greater than 1% of any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B. | | | | | | | | |
| SARA Section 313 | This product does not contain greater than 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. | | | | | | | | |
| SARA Section 311 & 312 Classifications | <table> <tr> <td style="padding-right: 20px;">Acute Hazard</td> <td>No</td> </tr> <tr> <td>Chronic Hazard</td> <td>No</td> </tr> <tr> <td>Fire Hazard</td> <td>No</td> </tr> <tr> <td>Reactivity Hazard</td> <td>No</td> </tr> </table> | Acute Hazard | No | Chronic Hazard | No | Fire Hazard | No | Reactivity Hazard | No |
| Acute Hazard | No | | | | | | | | |
| Chronic Hazard | No | | | | | | | | |
| Fire Hazard | No | | | | | | | | |
| Reactivity Hazard | No | | | | | | | | |

CERCLA This product does not contain any “hazardous substances” listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

California Prop 65 This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

Global Chemical Inventories

| Inventory | |
|-------------|---------------|
| US TSCA | Listed* |
| EU | Listed |
| Japan | Not available |
| Australia | Listed* |
| New Zealand | Not available |
| Canada | Listed |
| Switzerland | Not available |
| Korea | Listed |
| Philippines | Listed |
| China | Listed* |
| Taiwan | Not available |

*A substance in this product may be subject to import/export notifications in these countries.

16. Other Information**Revision Date**

4 April 2017

Revision Reason

New SDS

The information provided on this SSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS