

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name: Zoom Spout® Oiler
Product Code: 79704
Product Use: Lubricating oil for general applications.
Supplier: LA-CO Industries, Inc.
 1201 Pratt Boulevard
 Elk Grove Village, IL.
 60007-5746
 E-mail Contact: customer_service@laco.com
Phone Number: (847) 956-7600
Fax: (847) 956-9885
24-hour Emergency: CHEMTREC: (800) 424-9300



Section 2: Hazards Identification

2.1 Classification of the substance or mixture according to GHS Classifications (UNECE 3rd Revised Edition):

Not classified as a hazardous chemical.

2.2 Label elements:

No hazard classifications.

2.3 Other hazards:

May cause an allergic skin reaction in some individuals.

2.4 Other hazard classifications:

USA: This material is not considered a hazardous chemical by the OSHA Hazard Communication Standard 29 CFR 1910.1200 (2012).

Canada: This is not a controlled product under WHMIS.

European Union (EU): This product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

Section 3: Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt.%</u>	<u>GHS Classifications</u> according to UNECE 3 rd Revised Edition
Lubricating base oil and proprietary additives. No hazardous/dangerous ingredients by OSHA and WHMIS criteria.	Not available	100	Not classified

Section 4: First Aid Measures

4.1 Description of first aid measures:

Inhalation: If symptoms are experienced, remove source of contamination or have victim move to fresh air. Obtain medical advice.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelids open. If irritation persists, obtain medical attention.

Skin Contact: If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Ingestion: If swallowed, do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Obtain medical advice or call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed:

Skin Contact: A component of this material may cause an allergic skin reaction. Symptoms may include redness and a burning sensation.

Ingestion: Not an expected route of exposure with normal use of the product. Acute oral toxicity of the component substances is low. Ingestion of large amounts of the product may cause nausea, vomiting and diarrhea.

SAFETY DATA SHEET

Section 5: Fire Fighting Measures

5.1 Extinguishing media:

For small fires, use dry chemicals, carbon dioxide, appropriate foam, or inert gas (nitrogen).
 For large fires, use appropriate foam, water fog, or water spray. Water can be used to cool fire-exposed containers.
 Do not use water jet; may spread the fire.

5.2 Special hazards arising from the substance:

Not classified as a flammable or combustible liquid.
 Product will burn if involved in a fire. Flashpoint: >150°C (>302°F) ASTM D93.

5.3 Advice for firefighters:

If involved in a fire, combustion may produce toxic and irritating fumes and gases including carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, smoke, fumes, and/or unburned hydrocarbons.
 As for any fire, evacuate the area and fight the fire from a safe distance. Firefighters must wear full protective clothing and positive pressure self-contained breathing apparatus.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Shut off or extinguish all sources of ignition. Avoid contact with skin and eyes. Ventilate the area.

6.2 Environmental precautions:

Prevent the spilled liquid from entering sewers or waterways.

6.3 Methods and material for containment and cleaning up:

Stop the spill if it is safe to do so.
 Absorb the spilled liquid using dry earth, sand or non-combustible absorbent material and transfer to appropriate, covered and labeled waste containers.

6.4 Additional Information:

See Section 8 for information on selection of personal protective equipment.
 See Section 13 for information on disposal of spilled product and contaminated absorbents.

Section 7: Handling and Storage

7.1 Precautions for safe handling:

Keep out of reach of children.
 Avoid contact with skin and eyes.
 Do not use near hot surfaces or flames.
 No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well ventilated place. Keep cool. Keep containers tightly closed when not in use.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters:

Occupational Exposure Limits:

Consult local authorities for acceptable exposure limits.

<u>Component</u>	<u>ACGIH TLV</u> (8-hr. TWA) (mg/m ³)	<u>U.S. OSHA PEL</u> (8-hr. TWA) (mg/m ³)	<u>British Columbia (Canada)</u> TWA (mg/m ³)
Lubricant Base Oil (Petroleum)	Not available	5 mg/m ³ as Oil Mist, if generated	Not available

SAFETY DATA SHEET

Section 8: Exposure Controls/Personal Protection, continued

8.2 Exposure controls:

Engineering Controls:

General ventilation is normally adequate.

Personal Protection: Workers must comply with the Personal Protective Equipment requirements of the workplace in which this product is handled.

Eye/Face Protection: Not required for normal use. Safety glasses equipped with side shields are recommended as minimum protection in industrial settings.

Skin Protection: Not required for normal use. Wear heavy duty gloves made of nitrile when needed to prevent repeated or prolonged skin contact.

Respiratory Protection: If ventilation and other engineering controls and work practices are not effective in controlling exposure to mists/aerosols of this material, then wear suitable personal protective equipment including approved respiratory protective equipment (RPE). In workplaces where respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. Consult with respirator manufacturer to determine respirator selection, use and limitations.

Other Protection: If product comes in contact with clothing, immediately remove soaked clothing. Promptly remove and discard contaminated leather goods (e.g. watchbands, belts).

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	Liquid, clear, colorless.
Odor:	Petroleum
Odor threshold:	Not applicable
pH:	Not applicable
Melting point/freezing point:	< -18°C (0.4°F)
Initial boiling point and boiling range:	Not available
Flash point:	>150°C (>302°F) ASTM D93
Flammability	Will burn but does not ignite readily.
Auto-ignition temperature:	Not available
Upper/lower flammability or explosive limits:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available
Sensitivity to mechanical impact:	Not available
Sensitivity to static discharge:	Not available
Vapor pressure:	<1 mm Hg
Evaporation rate:	<1 (n-butyl acetate = 1)
Vapor density:	<1
Relative density:	0.86 – 0.87 (water = 1)
Solubility (is):	Insoluble in water.
Partition coefficient (n-octane/water):	Not available
Decomposition temperature:	Not available
Viscosity:	30 – 110 @ 30°C 5 - 11 cSt @ 100°C ASTM D445

Section 10: Stability and Reactivity

10.1 Reactivity:

Not classified for reactivity hazards.

10.2 Chemical Stability:

Stable at normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of Hazardous Reactions:

None known

10.4 Conditions to Avoid:

Do not use in conditions of heat or near open flames and sparks.

SAFETY DATA SHEET

Section 10: Stability and Reactivity, continued

10.5 Incompatible Materials:

Incompatible with strong oxidizers, such as chlorine and oxygen, and strong reducing agents.

10.6 Hazardous Decomposition Products:

Not available. Combustion may produce irritating and/or toxic gases.

Section 11: Toxicological Information

11.1 Information on toxicological effects:

Acute Health Effects:

Inhalation: This product does not easily form a vapor; inhalation exposure is unlikely to occur, unless this material is heated or misted. Exposures to high vapor or mist concentrations may cause respiratory tract irritation.

Ingestion: Not an expected route of exposure with normal use of the product.

Skin: Contact with the skin may cause irritation. Symptoms may include redness and a burning sensation.

Eye: Direct contact with the liquid may cause irritation.

Acute Toxicity Data:

<u>Component Substance</u>	<u>LD₅₀ Oral</u> (mg/kg)	<u>LD₅₀ Dermal</u> (mg/kg)	<u>LC₅₀ Inhalation</u> (4 hrs.)
Lubricant oil	>5 000 (species not available)	>2 000	Not available

Chronic Health Effects:

Data are not available.

Sensitization:

Data are not available for the product. Contains a substance (>1% wt/wt) which may cause an allergic skin reaction.

Neurological Effects:

Data are not available.

Genetic Effects:

Data are not available.

Reproductive Effects:

Data are not available.

Developmental Effects:

Data are not available.

Target Organ Effects:

Data are not available.

Carcinogenicity:

The petroleum base oils contained in this product have been highly refined by a variety of processes including severe hydrocracking/hydroprocessing to reduce aromatics and improve performance characteristics. All of the oils meet the IP-346 criteria of less than 3 percent PAH's and are not considered carcinogens by NTP, IARC, or OSHA.

Medical Conditions Aggravated by Exposure:

Repeated skin contact may aggravate an existing dermatitis.

Interactions With Other Chemicals:

Data are not available.

SAFETY DATA SHEET

Section 12: Ecological Information

12.1 Toxicity:

Assays have demonstrated acute aquatic toxicity values greater than 1000 mg/L.

12.2 Persistence and degradability:

Volatilization to air is not expected to be a significant fate process due to the low vapor pressure of this material. In water, base oils will float and spread over the surface.
Not readily biodegradable.

12.3 Bioaccumulative potential:

Log K_{ow} values measured for the hydrocarbon components of this material range from 4 to 6.

12.4 Mobility in soil:

Not available

Section 13: Disposal Considerations

13.1 Waste treatment methods:

Do NOT discard into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. Dispose of in accordance with local, state/provincial and federal laws and regulations.

The conditions of use, storage and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, LA-CO Industries, Inc. does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

Section 14: Transport Information:

Transport Regulations:

U.S. Hazardous Materials Regulation (DOT 49CFR): Not regulated.
If shipped by land in a packaging having a capacity of 3,500 gallons or more, the provisions of 49 CFR, Part 130 apply. (Contains oil)

Canadian Transportation of Dangerous Goods (TDG): Not regulated as a dangerous good for transport.

IMO Classification: Not regulated as a dangerous good for transport.

ICAO/IATA Classification: Not regulated as a dangerous good for transport.

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

USA

OSHA: Non-Hazardous Chemical according to OSHA Hazard Communication Standard 29 CFR 1910.120 (2012).

SARA Title III

Sec. 302/304: None
Sec. 311/312: Not applicable
Sec. 313: None
CERCLA RQ: None

California Prop 65: Not applicable

SAFETY DATA SHEET

Section 15: Regulatory Information, continued

Canada

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*.

WHMIS Classification:
 Not controlled

DSL Status:
 All component substances listed on the DSL (Domestic Substances List).

NPRI Substances:
 Not applicable

Europe

OSHA: This product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

Section 16: Other Information

Preparation Information:

Revision date: February 13, 2013

References and sources for data:
 CCOHS – ChemInfo

Legend to abbreviations:

- ACGIH – American Conference of Governmental Industrial Hygienists
- GHS- Globally Harmonised System for Classification and Labeling
- IARC – International Agency for Research on Cancer
- LD50- Median lethal dose; the dose causing 50 % lethality
- LEV- Local exhaust ventilation
- OSHA – United States, Occupational Safety and Health Administration
- STEL – Short term exposure limit
- TWA – Time weighted average
- TLV - Threshold Limit Value
- NTP – National Toxicology Program
- WHMIS – Canada, Workplace Hazardous Materials Information System

Supplier Note:

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

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