



**LPS LABORATORIES  
MSDS  
MATERIAL SAFETY DATA SHEET**

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**Section 1 - Product Identification and Use**

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**Manufacturer's Name:**  
LPS Laboratories

**Trade Name:**  
LPS All-Purpose Anti-Seize

**Street Address:**  
4647 Hugh Howell Road

**Chemical Family:**  
Petroleum Hydrocarbons

**City, State, Zip:**  
Tucker, GA 30085-5052

**Part Numbers:**  
04108, 04110

**Telephone Number:** 770-934-7800  
**Emergency Telephone Number:** 1-800-424-9300 Chemtrec  
**Outside U.S.:** (703) 527-3887

**Hazardous Materials Description and proper shipping name (49 CFR 172.101):**  
Compound,Boiler, Preserving Liquid NMFC 50093 SUB 2 BRL/BXS CL55

**TSCA Inventory:**  
All of the ingredients are listed on the TSCA inventory.

**HMIS Labeling:**

<b>Health:</b>	1
<b>Flammability:</b>	1
<b>Reactivity:</b>	0

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**Section 2 - Hazardous Ingredients / Identity Information**

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<b>Ingredients</b>	<b>CAS Numbers</b>	<b>%WW</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS</b>
Petroleum Oil	6474-1-96-4	50-70	5mg/m3*	N.E.	N.E.
Molybdenum Disulfide	1317-33-5	5-15	N.E.	N.E.	N.E.
* Oil mist					

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**Section 3 - Physical / Chemical Characteristics**

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<b>Boiling point (F°):</b>	>525°F	<b>Specific gravity (H2O = 1):</b>	1.19
<b>Vapor pressure ( mmHg) @100°F :</b>	<.01	<b>Percent volatile by volume (%):</b>	0
<b>Vapor density (Air = 1):</b>	>5	<b>Evaporation rate (n-Butyl Acetate = 1):</b>	<.01
<b>Solubility in water:</b>	Nil		

**Appearance and odor:** Steel blue colored paste, petroleum odor.

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**Section 4 - Fire and Explosion Hazard**

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**Flash point (method used):** > 430 F° TCC **Flammable limits (of diluent ): LEL** 0.9% **UEL** 7.0%

**Extinguishing media:** Foam, dry chemical, or carbon dioxide.

**Special fire fighting procedures:** Do not use water. Self-contained breathing apparatus should be provided to fire fighters.

**Unusual fire and explosive hazards:** None

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**Section 5 - Health Hazard Data**

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N.E. = Not established  
N.A. = Not applicable

**Primary route(s) of entry:** Eyes.

**Health hazard/effects of over exposure:**

**Inhalation:** Oil mist may cause irritation of the respiratory tract.  
**Eyes:** Irritation.  
**Skin:** Repeated or prolonged contact may cause drying and defatting of skin.  
**Ingestion:** Not a likely route of exposure. Low order of oral toxicity; however minute amount aspirated into lungs during ingestion may cause severe pulmonary injury.

**Medical conditions aggravated by exposure:** None from normal exposure.

**Chemicals listed as potential carcinogen:** NTP: No IARC: No OSHA: No

**Emergency and first aid procedures:**

**Inhalation:** Move to fresh air and contact physician. Administer oxygen if breathing is difficult.  
**Eyes:** Flush eyes with plenty of water and contact physician.  
**Skin:** Wash with soap and water; apply medicated skin cream.  
**Ingestion:** Contains petroleum oil. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact physician immediately.

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### Section 6 - Reactivity Data

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**Stability:** Stable **Conditions to avoid:** Strong oxidizing materials.

**Incompatibility (Materials to avoid):** Strong oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may yield hydrogen, carbon monoxide, aldehydes, smoke, sulfur dioxide, and other noxious fumes.

**Hazardous polymerization:** Will not occur.

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### Section 7 - Precautions for Safe Handling and Use

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**Steps to be taken in case material is released or spilled:** Scoop up excess, wipe up with rags. Pick-up residue with diatomaceous earth to avoid walking hazard.

**Waste disposal methods:** Dispose of in accordance with local, state and federal regulations for petroleum distillates.

**RCRA Hazardous Waste No.:** N.A.

**CERCLA Reportable Quantity:** N.A.

**SARA TITLE III Chemicals:** None.

**Precautions to be taken in handling and storage:** Store below 150°F and above 32°F. Store away from ignition sources and avoid breathing vapors.

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### Section 8 - Control Measures

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**Respiratory Protection:** None required if good ventilation is maintained. For enclosed areas, use NIOSH approved organic vapor cartridge respirator or self-contained breathing apparatus.

**Ventilation:** Local exhaust is usually adequate.

**Protective gloves:** Use solvent resistant gloves for liquid handling.

**Eye protection:** Use face shield or goggles if splattering is likely.

**Other protective equipment:** As necessary to prevent prolonged or repeated skin contact.

**Work/hygienic practices:** Wash hands with soap and water after use and/or before breaks, lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.

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### Section 9 - Preparation Date of MSDS

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LPS Laboratories

**ITW**

Form # 2593

MSDS LPS All-Purpose Anti-Seize

