



LPS

**LPS LABORATORIES, INC.**  
**MATERIAL SAFETY DATA SHEET**

**Section 1 • Product Identification and Use**

**Manufacturer's Name:**  
LPS Laboratories, Inc.

**Address (Number Street)**  
4647 Hugh Howell Road

**Address (City, State, Zip)**  
Tucker, GA 30085-5052

**Telephone Number:** 404-934-7800

**Emergency Telephone Number:**

1-800-424-9300 Chemtrac  
Outside U.S. (202) 887-1255

**Trade Name:**  
LPS Tapmatic #1 Gold

**Chemical Family:**  
Petroleum Hydrocarbons

**Part Numbers:**  
40304, 40320, 40330, 40340, 40360  
40312 - LPS # 1 Gold Aerosol

**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

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

Ingredients	CAS Numbers	%WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Dialkylonylphosphorous acid/alkyl alkanolamine	139436-98-3	1-5	N.E.	N.E.	N.E.
Petroleum Oil (severly hydro-treated)	64742-53-6	70-80	5 mg/m <sup>3</sup> *	5 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup> * STEL
Sulfurized Paraffins	64742-54-7	1-5	N.A.	N.A.	1 mg/m <sup>3</sup> TLV/TWA**
Carbon dioxide propellant (aerosol only)	124-38-9	2-3	10,000 ppm	5,000 ppm	30,000 STEL

\* oil mist

\*\* supplier recommendation

**Section 3 • Physical / Chemical Characteristics**

<b>Boiling point: (F°):</b>	465° F approx.	<b>Specific gravity (H<sub>2</sub>O = 1):</b>	0.896
<b>Vapor pressure ( mmHg) @100°F:</b>	N.E.	<b>Percent volatile by volume (%):</b>	< 1
<b>Vapor density (Air = 1)</b>	N.E.	<b>Evaporation rate (n-Butyl Acetate = 1):</b>	Nil
<b>Solubility in water:</b>	Nil		

**Appearance and odor:** Clear, gold-colored liquid with mild odor.

**Section 4 • Fire and Explosion Hazard**

<b>Flash point (method used):</b> 300° F C.O.C. Minimum	<b>Flammable limits:</b>	<b>LEL</b>	<b>UEL</b>
		N.E.	N.E.

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

**Special fire fighting procedures:** Water may be ineffective, but may be used to keep fire exposed container cool to avoid potential pressure increase.

**Unusual fire and explosive hazards:** Self-contained breathing apparatus should be used by fire fighters.

N.E. = Not established

N.A. = Not applicable

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**Section 5 • Health Hazard Data**


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**Primary route(s) of entry:** Inhalation, eyes, skin.

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

- Inhalation:** Headache, dizziness, nausea and anesthetic effects. Potential respiratory irritation.  
**Eyes:** Irritation from liquid or mist.  
**Skin:** Repeated or prolonged contact may cause drying 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. Contact physician. Resuscitate victim if necessary.  
**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. Contact physician immediately.
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**Section 6 • Reactivity Data**


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**Stability:** Stable                      **Conditions to avoid:** Avoid sparks or open flames. See handling and storage precautions.

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

**Hazardous decomposition products:** Thermal decomposition may yield carbon monoxide, hydrogen sulfide, and small amounts of nitrous oxides and phosphorous oxides.

**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:** Ventilate area by opening doors and windows. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Prevent product from going into sewers and water sources by diking or impounding. Using appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

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

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

**CERCLA Reportable Quantity:** None

**SARA TITLE III Chemicals:** None

**Precautions to be taken in handling and storage:** Store below 130°F and above 32°F. Store away from ignition sources and avoid breathing vapors or prolonged skin contact.

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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. However, mechanical ventilation should be used when using in enclosed areas. Oil mist should be minimized as much as possible.

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

**Eye protection:** For spraying or splashing of solvent, use face shield or goggles.

**Other protective equipment:** None.

**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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 John Rouddebush, Director of Research and Development  
 LPS Laboratories, Inc.

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 LPS Tapmatic #1 Gold

