



LPS LABORATORIES
MSDS
MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Manufacturer's Name:

LPS Laboratories

Trade Name:

LPS Tapmatic TriCut Cutting Fluid

Address (Number Street):

4647 Hugh Howell Road

Chemical Family:

Chlorinated Paraffins

Address (City, State, Zip):

Tucker, GA 30085-5052

Part Numbers:

05316, 05328

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:**Health:** 2**Flammability:** 1**Reactivity:** 0

Section 2 - Hazardous Ingredients / Identity Information

Ingredients	CAS Numbers	%WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Chlorinated Fatty Ester	68440-29-9	1-10	N.E.	N.E.	N.E.
Chlorinated Paraffins	61788-76-9	70-80	N.E.	N.E.	Supplier 5mg/m3*
Sulfurized Fatty Acid Esters	68990-64-7	20-30	N.E.	N.E.	Supplier 5mg/m3*
* oil mist					

Section 3 - Physical / Chemical Characteristics

Boiling point (F°):	> 302° F approx.	Specific gravity (H2O = 1):	1.118
Vapor pressure (mmHg) @100°F :	N.E.	Percent volatile by volume (%):	< 1
Vapor density (Air = 1):	N.E.	Evaporation rate (n-Butyl Acetate = 1):	Nil
Solubility in water:	Nil		
Appearance and odor: Clear, brown liquid with mild sulfur/pine odor.			

Section 4 - Fire and Explosion Hazard

Flash point (method used): > 302° F PMCC **Flammable limits:** LEL N.E. UEL 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. Self-contained breathing apparatus should be used by fire fighters.**Unusual fire and explosive hazards:** None

Section 5 - Health Hazard Data

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

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.

Section 6 - Reactivity Data

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 dioxide, carbon monoxide, hydrogen chloride, hydrogen sulfide, and small amounts of incompletely burned hydrocarbons.

Hazardous polymerization: Will not occur.

Section 7 - Precautions for Safe Handling and Use

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.

Section 8 - Control Measures

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.

Section 9 - Preparation Date of MSDS

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January 31, 2003

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LPS Laboratories

ITW

Form #2661

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