



**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 Electro 140° Contact Cleaner

**Street Address:**  
4647 Hugh Howell Road

**Chemical Family:**  
Blended Compound

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

**Part Numbers:**  
00916,00922, 09128, 00905, 00955

**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  
CONSUMER COMMODITY ORM-D

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

**HMIS Labeling:**

<b>Health:</b>	1
<b>Flammability:</b>	2
<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>
Isoparaffinic Solvent	64742-48-9	70-90	N.E.	N.E.	300 ppm supplier
3-Methoxy-3-Methyl-1-Butanol	56539-66-3	10-30	N.E.	N.E.	None
Carbon dioxide propellant (aerosol only)	124-38-9	2-3	10,000 ppm	5,000 ppm	30,000 ppm STEL

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**Section 3 - Physical / Chemical Characteristics**

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<b>Boiling point (F°):</b>	Approx. 345°F	<b>Specific gravity (H2O = 1):</b>	0.795
<b>Vapor pressure ( mmHg) @ 68° F:</b>	1	<b>Percent volatile by volume (%):</b>	100
<b>Vapor density (Air = 1):</b>	5.9	<b>Evaporation rate (n-Butyl Acetate= 1):</b>	< 0.1
<b>Solubility in water:</b>	10-30%		

**Appearance and odor:** Clear, colorless liquid with mild odor.

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**Section 4 - Fire and Explosion Hazard**

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**Flash point (method used):** 144°F TCC    **Flammable limits (by volume 25° C):** LEL 1.2%    UEL 13.1%

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

**Special fire fighting procedures:** Self-contained breathing apparatus should be provided to fire fighters. Water fog may be used to cool closed containers.

**Unusual fire and explosive hazards:** Intensive heat created by fire will cause aerosols to burst.

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, anesthetic effects, and other symptoms of central nervous system depression. May irritate mucosal tissue at high concentrations.

**Eyes:** Slight irritation.

**Skin:** Repeated or prolonged contact may cause drying and defatting of skin.

**Ingestion:** Low order of oral toxicity; however, minute amount aspirated into lungs during ingestion may cause severe pulmonary injury. Can also cause irritation of the digestive tract.

**Medical conditions aggravated by exposure:** Pre-existing eye, skin and respiratory disorders may be aggravated.

**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, contact a physician.

**Skin:** Wash with soap and water; apply medicated skin cream.

**Ingestion:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention immediately.

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## Section 6 - Reactivity Data

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**Stability:** Stable      **Conditions to avoid:** Open flames, electric arcs and other hot surfaces which may cause thermal decomposition.

**Incompatibility (Materials to avoid):** Oxidizing agents.

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide, if burned.

**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 when material is released or spilled:** Evacuate area and ventilate. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Mop or soak up spill with absorbent material such as sand or clay and transfer to disposal drums using non-sparking equipment. Store in closed containers. Do not flush product to sewer.

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

**RCRA Hazardous Waste No.:** If discarded in its purchased form, this product is not a RCRA hazardous waste. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, and mixtures may change the classification.

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

**SARA TITLE III Chemicals:** None

**Precautions to be taken in handling and storage:** Store aerosols below 120°F and above 32°F. Store away from ignition sources and avoid breathing vapors and prolonged skin contact. Vapors will collect in low areas. Use and store with adequate ventilation. Bond and ground during transfer of liquid.

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## Section 8 - Control Measures

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**Respiratory Protection:** None required if good ventilation is maintained. If vapor concentration rises above TLV, use NIOSH approved organic vapor air-purifying respirator or self-contained breathing apparatus.

**Ventilation:** Use adequate ventilation to maintain TLV and prevent accumulation of vapors in low lying areas.

**Protective Gloves:** Use solvent resistant gloves for liquid handling (Neoprene).

**Eye protection:** Goggles if splashing is likely, safety glasses otherwise.

**Other protective equipment:** None

**Work/hygienic practices:** Do not get in eyes, skin, or on clothing. 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

Form # 2625

MSDS LPS Electro 140° Contact Cleaner

