



**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 Precision Clean™

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

**Chemical Family:**  
Blended Compound

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

**Part Numbers:**  
02704, 02765, 02728, 02701, 02705, 02755

**Telephone Number:** 770-934-7800

**Emergency Telephone Number:** 1-800-424-9300 Chemtrec

**Outside U.S.:** (703) 527-3887

**Recommended Shipping Name:**  
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:** 1  
**Flammability:** 0  
**Reactivity:** 0

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

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Ingredients	CAS Numbers	%WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Sodium Metasilicate	6834-92-0	<4	N.E.	N.E.	None
Dipropylene Glycol Methyl Ether	34590-94-8	<6	100 ppm	100 ppm	150 ppm STEL

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**Section 3 - Physical / Chemical Characteristics**

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<b>Boiling point (F°):</b>	Approx. 212°F	<b>Specific gravity (H2O = 1):</b>	1.07 Concentrate
<b>Vapor pressure ( mmHg) @ 100°F :</b>	N.A.		1.017 Ready-to-use
<b>Vapor density (Air = 1):</b>	N.A.	<b>Percent volatile by volume (%):</b>	88 Concentrate
<b>Solubility in water:</b>	Complete.		97 Ready-to-use
<b>Appearance and odor:</b>	Clear, turquoise liquid with citrus odor	<b>pH:</b>	13.0 Concentrate.
<b>Evaporation rate (Water = 1):</b>	1.0		12.5 Ready-To-Use

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**Section 4 - Fire and Explosion Hazard**

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**Flash point (method used):** None T.C.C.      **Flammable limits (by volume 25° C):** LEL N.A.      UEL N.A.  
**Extinguishing media:** None  
**Special fire fighting procedures:** None  
**Unusual fire and explosive hazards:** None

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

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## Section 5 - Health Hazard Data

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**Threshold limit value:** See section 2.

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

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

**Inhalation:** Headache, dizziness.

**Eyes:** Liquid will cause temporary irritation.

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

**Medical conditions aggravated by exposure:** None known at this time.

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

**Emergency and first aid procedures:**

**Inhalation:** Move to fresh air.

**Eyes:** Flush eyes with plenty of water, lifting upper and lower lids occasionally. Contact a physician.

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

**Ingestion:** Unlikely route of entry. However, if ingested, drink large amounts of water, followed by milk and contact physician immediately.

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## Section 6 - Reactivity Data

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**Stability:** Stable **Conditions to avoid:** None

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

**Hazardous decomposition products:** None known at this time.

**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:** Remove leaking container and contain spill. Soak up or mop up with absorbent material, such as sand or clay. Do not flush to sewer.

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

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

**SARA TITLE III Chemicals:** None

**Precautions to be taken in handling and storage:** Product should be stored above 32°F and below 120°F. Keep containers closed when not in use.

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## Section 8 - Control Measures

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**Respiratory Protection:** None required if good ventilation is maintained.

**Ventilation:** Local exhaust should be sufficient to maintain a comfortable work environment.

**Protective gloves:** Use rubber gloves.

**Eye protection:** Use safety glasses or goggles.

**Other protective equipment:** Eye washes and safety showers.

**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 laundry before reuse.

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## Section 9 - Preparation Date of MSDS

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LPS Laboratories



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MSDS LPS Precision Clean

