



# SAFETY DATA SHEET

## LPS Precision Clean Ready-to-Use

Revision Date: 18 October 2010

Supersedes: 28 May 2005

### Section 1 – Identity of the Substance/Preparation and Company/Undertaking

**Product Name:** LPS PRECISION CLEAN READY-TO-USE

**Part Numbers:** M27800

**Product Use:** A ready-to use, alkaline water-based cleaner designed to remove oil and grimy residues from hard surfaces.

**Supplier:** Geocel Limited, Western Wood Way, Langage Science Park, Plympton, Plymouth, PL7 5BG United Kingdom

**TEL:** +44 (0)1752 202060

**FAX:** +44 (0)1752 334384

**In Case of Emergency:** +001 703-527-3887

**Manufacturer:** LPS Laboratories, 4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)  
<http://www.lpslabs.com>

### Section 2 – Hazards Identification

**Human and Environmental Hazards**

This preparation is not considered hazardous according to European Union Directives 67/548/EEC and 1999/45/EC.

### Section 3 – Composition / Information on Ingredients

INGREDIENT NAME	EC No.	CASRN	Classification	Weight Percent
Disodium metasilicate	229-912-9	6834-92-0	[C] R34 [Xi] R37	<1%
Dipropylene glycol monomethyl ether	252-104-2	34590-94-8	[Xi] R36	1-2%

### Section 4 – First Aid Measures

- Eyes:** Liquid contact will cause irritation. Flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation persists.
- Skin:** Remove contaminated shoes and clothing. Clean affected area thoroughly with mild soap and water. Do not use ointments. Seek medical attention if irritation persists.
- Inhalation:** If spray mist is inhaled, remove to fresh air. If breathing is difficult, give oxygen and get medical attention.
- Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention immediately.





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### Section 9 – Physical and Chemical Properties

<b>Appearance:</b>	Liquid	<b>Colour:</b>	Turquoise
<b>Odour:</b>	Citrus.	<b>Evaporation Rate:</b>	1 (H <sub>2</sub> O=1)
<b>Solubility Description:</b>	100% in water.	<b>Flash Point:</b>	None.
<b>Boiling Point:</b>	100°C(212°F) at 101 kPa	<b>Flash Point Method:</b>	Tag-Closed Cup
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.01–1.02 at 20 °C	<b>Decomposition Temperature:</b>	Not Established
<b>Vapor Density (air = 1):</b>	>1	<b>Auto ignition temperature:</b>	None.
<b>Vapor Pressure:</b>	~3 kPa @ (25 °C)	<b>Flammable limits (estimated):</b>	LOWER: None. UPPER: None.
<b>Melting Point:</b>	Not Established	<b>Partition Coefficient (octanol/water):</b>	<1
<b>pH:</b>	12.5	<b>Odor Threshold:</b>	Not Established
<b>Heat of combustion:</b>	Not Established	<b>Viscosity:</b>	<3 cSt @ 25°C
<b>Volatiles:</b>	97 - 99%		

### Section 10 – Chemical Stability and Reactivity

<b>Chemical Stability:</b>	Product is stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Temperatures below 0°C.
<b>Incompatibility:</b>	Reactive or incompatible with finely divided metals (such as magnesium “dust”).
<b>Hazardous Decomposition:</b>	Will not occur.
<b>Hazardous Polymerization:</b>	Will not occur.

### Section 11 – Toxicological Information

#### A: General Product Information

An acute toxicity study of this product has not been conducted. Information given in this section relates only to individual constituents contained in this preparation.

#### B: Component Analysis

Ingredients	EC No.	LC-50	LD-50
Disodium metasilicate	229-912-9	Not Established	1153 mg/kg/oral/rat
Dipropylene glycol monomethyl ether	252-104-2	Not Established	5400 µL/kg/oral/rat



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### Section 12 – Ecological Information

**Mobility:** Low volatility. Will absorb into soil. **Persistence and degradability:** Biodegradable

**Bioaccumulative potential:** No bioaccumulation potential **Other adverse effects:** None known.

#### Component Information

Acute Aquatic Toxicity

Effect on Organisms	Component	EC No.	Test	Species	Results
Acute Toxicity on Fishes	Disodium metasilicate	229-912-9	96-hour EC <sub>50</sub>	Brachydanio rerio	3185 mg of 35% solution per litre at pH 10.1
	Dipropylene glycol monomethyl ether	252-104-2	96-hour EC <sub>50</sub>	Pimephales promelas	>10,000 mg/L
Acute Toxicity on Daphnia	Dipropylene glycol monomethyl ether	252-104-2	48-hour EC <sub>50</sub>	Daphnia magna	1919 mg/L
	Disodium metasilicate	229-912-9	48-hour EC <sub>50</sub>	Daphnia magna	4857 mg of 35% solution per litre
Bacterial Inhibition	No Data Available				
Growth inhibition of algae					
Bioaccumulation in fish					

### Section 13 – Disposal Considerations

**Disposal:** Waste must be disposed of in accordance with national and local environmental control regulations.

**Note:** Chemical additions to, processing of, or otherwise altering this material may make this waste management information inaccurate, incomplete, or otherwise inappropriate.

### Section 14 – Transportation Information

This product is not classified for the purposes of transportation.



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### Section 15 – Regulatory Information

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**Warning Symbol(s):** None  
**Risk Phrases:** None  
**Safety Phrases:** None

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### Section 16 – Other Information

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**User Notes:** The purpose of the above information is to describe this product only in terms of Health and Safety requirements. The information given therefore, should not be construed as guaranteeing specific properties or specification. Customers should satisfy themselves as to the suitability and completeness of this information for their own particular use, bearing in mind any other Health and Safety legislation or regulations. The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is construed as a warranty or representation. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

**Information Sources:** ESIS: European Chemical Substances Information  
HSE EH40 Occupation Exposure Limits.  
Suppliers Safety Data Sheets.

**Full R-Phrases** R 34 Causes burns.  
R 37 Irritating to respiratory system.