



# SAFETY DATA SHEET

## LPS Workplace Hand Cleaner Towels

Revision 4

Revision Date: 20/5/09

Supersedes: 28/5/05

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### Section 1 – Identification of the Preparation and the Company

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**Product Name:** LPS WORKPLACE HAND CLEANER TOWELS

**Part Numbers:** M09200

**Product Use:** A mildly abrasive towel saturated with degreasing solution. To be used in removing oil, grease and other residues from hands while at the work site.

**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

**Manufacturer:** LPS Laboratories, 4647 Hugh Howell Rd., Tucker, GA 30085 (U.S.A.)  
<http://www.lpslabs.com>

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### Section 2 – Composition / Information on Ingredients

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INGREDIENT NAME	EC No.	CASRN	Classification	Weight Percent
(R)-p-mentha-1,8-diene	227-813-5	5989-27-5	R10-Xi; R38,R43 N; R50-53	5-10%
C12 – C15 Ethoxylated Alcohols	500-195-7	68131-39-5	NC	1-5%

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### Section 3 – Hazards Identification

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**Human and Environmental Hazards** According to statutory EC-Directives this product is to be considered as a cosmetic product and fulfils all demands of EC Cosmetic Directive 76/768/EEC. This product meets the criteria of Directive 76/768/EEC and is not classified according to the Directives 67/548/EEC and 99/45/EC. The product will not present a significant health and/or environmental hazard in normal use.

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### Section 4 – First Aid Measures

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**Eyes:** Flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation persists.

**Skin:** Rinse with water. Get medical attention if irritation persists.

**Inhalation:** Not a likely route of exposure. If inhaled, remove to fresh air. If breathing is difficult, give oxygen and get medical attention. If not breathing, give artificial respiration 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 5 – Fire Fighting Measures

**Products of Combustion:** carbon monoxide and carbon dioxide.

**General Fire Hazards:** None.

**Firefighting media:** Dry chemical, foam or carbon dioxide.

**Sensitivity to Impact:** None.

**Sensitivity to Static Discharge:** None.

**Protection Clothing (Fire):** wear protective clothing and equipment suitable for the surrounding fire, including helmet, face mask, and self-contained breathing apparatus.

### Section 6 – Accidental Release Measures

**Precautions to protect environment:** Do not discharge into drains or rivers.

**Spill Cleanup methods:** Transfer to a closable, labeled salvage container for disposal by an appropriate method.

### Section 7 – Handling and Storage

**Storage Precautions:** Keep in original container at ambient temperatures. Keep container closed.

### Section 8 – Exposure Controls / Personal Protection

Component	EC No.	UK LT EXP (8 hrs.)	UK ST EXP (15 min.)	ACGIH TLV	ACGIH STEL
(R)-p-mentha-1,8-diene	227-813-5	Not Established	Not Established	Not Established	Not Established
C12 – C15 Ethoxylated Alcohols	500-195-7	Not Established	Not Established	Not Established	Not Established

**Engineering measures** Normal room ventilation is usually adequate. If necessary, use appropriate local exhaust ventilation to keep exposures below the regulated limits.

**Personal protective equipment**

**Eye protection** May cause redness or burning sensation if liquid concentrate gets into eyes. Wear safety glasses with side shields conforming to appropriate regulations.

**Hand protection** Material is designed for skin cleansing.

**Respiratory protection** Typical use of this product under normal conditions does not require the use of respiratory protection.

**Ingestion** Unlikely route as liquid is impregnated onto a towel.

**Hygiene measures** None normally required.



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### Section 9 – Physical / Chemical Properties

<b>Appearance:</b>	Towel	<b>Colour:</b>	Clear liquid solution
<b>Odour:</b>	Mild Citrus.	<b>Vapour Pressure:</b>	Not Established.
<b>Solubility Description:</b>	Dispersible.	<b>Evaporation Rate:</b>	Not Established.
<b>Boiling Point (°C):</b>	100	<b>Flash Point (°C):</b>	>100
<b>Specific Gravity (Water=1):</b>	0.98-0.99 @ 20 °C	<b>Flash Point Method:</b>	PMCC
<b>Vapour Density (air=1):</b>	>1	<b>Auto Ignition Temperature (°C):</b>	Not Established.
<b>V.O.C. Content:</b>	8.0%, 79 g/L	<b>Partition Coefficient (octanol/water):</b>	Not Established.
<b>Flammable limits (estimated):</b>	Not Established	<b>Viscosity:</b>	Not Established.
<b>pH:</b>	7.8 – 8.0	<b>Decomposition Temperature:</b>	Not Established.

### Section 10 – Chemical Stability & Reactivity

<b>Chemical Stability:</b>	Product is stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	For best results store above 0°C and prevent from freezing.
<b>Incompatibility:</b>	Reactive or incompatible with oxidizing agents and strong acids.
<b>Hazardous Decomposition:</b>	Combustion will generate smoke, possibly thick and choking, resulting in zero visibility and combustion products include carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization:</b>	Will not occur.

### Section 11 – Toxicological Information

#### Acute and Chronic Toxicity

##### A: General Product Information

An acute toxicity study of this product has not been conducted.

##### B: Component Analysis

INGREDIENT NAME	EC No.	LC-50	LD-50
(R)-p-mentha-1,8-diene	227-813-5	Not Established	>5000 mg/kg/oral/rat >5000 mg/kg/dermal/rabbit
C12 – C15 Ethoxylated Alcohols	500-195-7	Not Established	2.5 g/kg/oral/rat 2000mg/kg/dermal/rabbit



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### Section 12 – Ecological Information

Effect on Organisms	Component	EC No.	Test	Species	Results
Acute Toxicity on Fishes	(R)-p-mentha-1,8-diene	227-813-5	48-hour LC <sub>50</sub>	Oncorhynchus mykiss	35000 µg/L
	C12 – C15 Ethoxylated Alcohols	500-195-7	96-hour LC <sub>50</sub>	Fathead minnow	0.5 mg/L
Acute Toxicity on Daphnia	(R)-p-mentha-1,8-diene	227-813-5	48-hour EC <sub>50</sub>	Daphnia magna	17000 µg/L - immobile
	C12 – C15 Ethoxylated Alcohols	500-195-7	48-hour LC <sub>50</sub>	Daphnia pulex	0.76 mg/L
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.

### Section 15 – Regulatory Information

**Labels for Supply:** Not classified  
**Risk Phrases:** Not classified  
**Safety Phrases:** Not classified

### Section 16 – Other Information

**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:** HSE EH40 Occupation Exposure Limits. Suppliers Safety Data Sheets.