



SAFETY DATA SHEET

LPS Workplace Orange Pumice Hand Cleaner

Revision 5

Revision Date:29/5/07

Supersedes: 11/1/05

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

Product Name: LPS WORKPLACE ORANGE PUMICE HAND CLEANER

Part Numbers: M09216

Product Use: A mildly abrasive hand soap fortified with orange and soybean extracts for effective cleaning in the industrial workplace.

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 30085 (U.S.A.)
<http://www.lpslabs.com>

Section 2 – Hazards Identification

Human and Environmental Hazards This preparation is considered hazardous according to European Union Directives 67/548/EEC and 1999/45/EC.

Irritating to skin. May cause sensitization by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 3 – Composition / Information on Ingredients

INGREDIENT NAME	EC No.	CASRN	Classification	Weight Percent
Pumice	Not established	1332-09-8	NC	4 - 6%
d-Limonene	227-813-5	5989-27-5	[F] R10; [Xi] R38, R43; [N] R50/53	1 - 4%

Section 4 – First Aid Measures

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

Skin: Wash with soap and 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.)	Other
Pumice	Not established	0.08 mg/m ³ (Silica, fused respirable dust)	Not Established	Not Established
d-Limonene	227-813-5	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 Not a likely route of exposure. If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Hygiene measures None normally required.



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Section 9 – Physical and Chemical Properties

Appearance:	Thick, almost paste-like liquid.	Colour:	White to off-white
Odour:	Mild Citrus.	Vapour Pressure:	2.4 kPa
Solubility Description:	95%	Evaporation Rate:	<1 (n-butylacetate = 1)
Boiling Point (°C):	100	Flash Point (°C):	>100
Specific Gravity (Water=1):	0.9-1.1 @ 20 °C	Flash Point Method:	Tag-Closed Cup.
Vapour Density (air=1):	Not available	Auto Ignition Temperature (°C):	Not available
V.O.C. Content:	Approx. 65 g/L	Partition Coefficient (octanol/water):	>1
Flammable limits (estimated):	Not available	Viscosity:	6 – 10 Ns/m ²
pH:	5.5 – 6.5		

Section 10 – Chemical Stability and Reactivity

Chemical Stability:	Product is stable under recommended storage conditions.
Conditions to Avoid:	For best results store above 0°C and prevent from freezing.
Incompatibility:	Reactive or incompatible with oxidizing agents and strong acids.
Hazardous Decomposition:	Combustion will generate smoke, possibly thick and choking, resulting in zero visibility and combustion products include carbon monoxide and carbon dioxide.
Hazardous Polymerization:	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

Ingredients	EC No.	LC-50	LD-50
Pumice	Not established	Not available	Not available
d-Limonene	227-813-5	Not available	> 5000 mg/kg/rat



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Section 12 – Ecological Information

Mobility: Non-volatile. Absorbed only slowly into soil. **Persistence and degradability:** Readily biodegradable.

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

Component	EC No.	Test	Species	Results
Pumice	Not established	48-hour EC ₅₀	Daphnia magna	Not established
		96-hour EC ₅₀	Microcystis pyrifera	Not established
d-limonene	227-813-5	48-hour EC ₅₀	Daphnia magna	Not established
		4-day LC50	Oncorhynchus mykiss	35,000 µg/L

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

Warning Symbol(s): Xn, N

Risk Phrases: R-43 May cause sensitization by skin contact.
R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases: S-2 Keep out of the reach of children.
S-23 Do not breathe vapour.

Contains d-limonene.

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.



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Information Sources:

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

Full R-Phrases

R-10	Flammable
R-38	Irritating to skin.
R-43	May cause sensitization by skin contact.
R-50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.