



LPS LABORATORIES
U.S. MATERIAL SAFETY DATA SHEET
LPS WorkPlace Orange Pumice Hand Cleaner

Section 1 • Product and Company Identification

Manufacturer's Name: LPS Laboratories

Part Numbers: 09216, 09228

Trade Name: LPS Workplace Orange Pumice Hand Cleaner

Chemical Family: Aqueous emulsion of natural solvents and oils

Address:

4647 Hugh Howell Road
Tucker, GA USA 30085-5052

Telephone Number: 770-243-8800

Emergency Telephone Number: 1-800-424-9300 Chemtrec;
Outside U.S.: (703) 527-3887

PLAIN LANGUAGE HAZARD SUMMARY

Material Safety Data Sheets can be confusing. Federal and State laws require us to include a great deal of technical information that probably won't help the non-professional. LPS includes this "PLAIN LANGUAGE HAZARD SUMMARY" to address the questions and concerns of the average worker. If you have additional health, safety or product questions, don't hesitate to call us at 800/241-8334.

Worker Toxicity

LPS WORKPLACE ORANGE PUMICE HAND CLEANER is an industrial-strength hand cleaner designed and manufactured in accordance with Good Manufacturing Practices per the requirements of the U.S. Food and Drug Administration for cosmetics. This product does not represent a significant worker hazard in any way. However, always use chemicals (even hand cleaners) with common sense. Don't get it in your eyes (it will be very irritating as it contains pumice). Do not rub it into cuts or deep scratches (it is not "anti-bacterial"). Do not allow small children to ingest this material (they could choke on it).

Flammability

LPS WORKPLACE ORANGE PUMICE HAND CLEANER has no flash point and does not represent a significant flammability concern.

Disposal

LPS WORKPLACE ORANGE PUMICE HAND CLEANER is non-hazardous for disposal in its purchased form and should not pose a disposal issue under normal use.

Section 2 • Hazards Identification

This preparation contains materials that are considered skin irritants in their pure form (see the OSHA Hazard Communication Standard (29 CFR 1910.1200)).

Emergency Overview: CAUTION: KEEP OUT OF EYES. In case of accidental eye contact, DO NOT RUB EYES. Flush eyes thoroughly with water. If condition worsens or irritation persists, call a doctor. If swallowed, consult a doctor or poison control center. KEEP OUT OF REACH OF CHILDREN. FOR EXTERNAL USE ONLY.

Primary route(s) of entry: Skin and Eye contact. Inhalation unlikely.

Potential Acute Health Effects:

Eyes Irritating to eyes

Skin Repeated exposure may cause skin dryness or cracking.

Inhalation: Not a likely route of exposure.



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Ingestion: If swallowed, this material may irritate the mucous membranes of the mouth, throat, and esophagus. It can be readily absorbed by the stomach and intestinal tract. Symptoms include a burning sensation to the mouth and esophagus, nausea, and vomiting. Aspiration hazard if swallowed – can enter lungs and cause damage.

Potential Chronic Health Effects:

Carcinogenic Effects: NTP: No IARC: No OSHA: No

Mutagenic Effects: None

Teratogenic Effects: None

Medical conditions aggravated by exposure: None from normal exposure.

Signs and Symptoms

Stinging in eyes. Repeated or prolonged skin contact can cause redness, irritation, and scaling of the skin (dermatitis).

Section 3 • Composition / Information on Ingredients

Component	CASRN	Percent by Weight
Pumice	1332-09-8	4-6%
d-Limonene	5989-27-5	4-6%

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:** This product contains d-Limonene, an identified sensitizer and occupational allergen. Wash with plenty of water. Get medical attention if irritation persists
- Inhalation:** 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.

Section 5 • Fire Fighting Measures

Flash point: CLOSED CUP: >212°F (100°C). (Tagliabue.)

Flammable limits: LOWER: Not Established UPPER: Not Established **Autoignition Temperature:** Not Established

Products of Combustion: Carbon monoxide and carbon dioxide.

Firefighting media: SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam.

Sensitivity to Impact: None. **Sensitivity to Static Discharge:** None.



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Protection Clothing (Fire): Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Evacuate area and fight the fire from a maximum distance or use unmanned hose holders or monitor nozzles.

Special Remarks on Explosion Hazards: None.

Section 6 • Accidental Release Measures

Small Spill and Leak: Absorb with an inert material and dispose of properly. Spilled material is not hazardous.

Section 7 • Handling and Storage

Handling: Use only with adequate ventilation. Avoid use on heated surfaces.

Storage: Keep container in a well-ventilated area. Store between 32°F and 120°F. Long periods of storage at elevated temperatures will allow for some separation of the pumice from the liquid portion.

Precautions to be taken in handling and storage: None required.

Section 8 • Exposure Controls / Personal Protection

Ingredients	CASRN	OSHA PEL-TWA	ACGIH-TLV	Other Limits
Pumice	1332-09-8	15 mg / m ³ (airborne dust)	15 mg / m ³ (airborne dust)	Not Established
d-Limonene	5989-27-5	Not available.	Not available	LD-50: >5,000 mg/kg

Engineering Controls: None required under normal conditions.

Personal Protection:

Eyes: None required under normal conditions.

Respiratory : None required under normal conditions.

Hands: If hands become chapped due to frequent use, apply moisturizer and wash hands less frequently.

General Hygiene Considerations: Rinse thoroughly after using. Have eye-wash facilities immediately available.

Section 9 • Physical and Chemical Properties

Physical State and Appearance: Gritty paste

Vapor pressure: 18 mmHg(at 20°C)

Color: Off-white

Vapor density: >1(Air=1)

Odor: Orange

Volatility: 95% (v/v)

Boiling/Condensation point: 100°C (212°F)

Evaporation rate: <1 (N-butylacetate = 1)

Specific gravity: 0.91 – 1.1 (Water=1)

VOC: 6.52%, 65 g/L, 0.54 #/gal. Per CARB Regulations

Odor Threshold: Not available.

Solubility in water: Soluble in cold water.



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Section 10 • Stability and Reactivity

Stability and Reactivity: The product is stable.

Incompatibility with Various Substances: Materials that are incompatible with water. Strong oxidizers.

Hazardous decomposition products: These products are carbon oxides (CO, CO₂)

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. Oxidization products of d-limonene are strong allergens. A number of cases of contact allergy from occupational exposures to d-limonene are reported. The frequency of contact allergy to oxidized limonene is 1-2% on consecutive eczema patients. (source: SCCNFP/0017/98 Final, December 1999, The Scientific Committee on Cosmetic Products and Non-Food Products intended for Consumers)

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.

Ecotoxicity:

Component	CAS No.	Test	Species	Results
Pumice	1332-09-8	48-hour EC ₅₀	Daphnia magna	Not established
		96-hour EC ₅₀	Microcystis pyrifera	Not established
d-limonene	5989-27-5	48-hour EC ₅₀	Daphnia magna	Not established
		4-day LC ₅₀	Oncorhynchus mykiss	35,000 µg/L

Persistence and degradability: No bioaccumulation anticipated. Product is formulated almost entirely with inert or biodegradable ingredients.

Section 13 • Disposal Considerations

Waste Status: This product, as sold, is not an RCRA hazardous waste.

Disposal: Waste must be disposed of in accordance with federal, state 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. Furthermore, state and local waste disposal requirements may be more restrictive than federal laws and regulations.



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Section 14 • Transport Information

This item is not regulated under any mode of transportation

Section 15 • Regulatory information

**HCS
Classification
U.S. Federal
Regulations:**

None.

TSCA 8(b) inventory: All of the ingredients are listed on the TSCA inventory or are exempt.

RCRA Hazardous Waste No.:None.

CERCLA Sections 102a/103 Hazardous Substances (40 CFR part 370) Reportable Quantity: None

SARA TITLE III Sections 311/312 Hazardous Categorization (40 CFR part 370):None.

SARA TITLE III Section 313: No individual section 313 component is present at or above 1%.

This is a cosmetic product and conforms to U.S. Federal regulations regarding cosmetic manufacture and labeling.

State Regulations: California Proposition 65: None.

California and OTC States: This product conforms to consumer regulations.

Section 16 • Other Information

MSDS# 109228

Responsible Name: Ed Williams

Technical Manager

HMIS-III

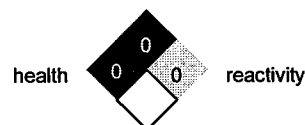
Health: [] 0

Flammability: 0

Physical Hazard: 0

NFPA

flammability



Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Ed Williams, Technical Manager
LPS Laboratories
A division of Illinois Tool Works

Form #3515