



MATERIAL SAFETY DATA SHEET

LPS® WorkPlace Hand Cleaner Towels

Revision Date: August 8, 2011

Supersedes: August 5, 2008

Section 1 • Product and Company Identification

Product Name: LPS® WorkPlace Hand Cleaner Towels

Part Number(s): 09200, C09200

Chemical Name: Aqueous emulsion of natural solvents and oils

Product Use: A deep cleaning, non-abrasive hand cleaner towel designed for removing heavy dirt, oil and greases from hands.

Manufacturer Information: LPS Laboratories, 4647 Hugh Howell Road, Tucker, GA, USA 30084
TEL: USA & Canada: 1 800 241-8334
Outside USA and Canada: +1 770 243-8800
FAX: USA & Canada: 1 800 543-1563
Outside USA and Canada: +1 770 243-8899

Emergency Telephone Number: Chemtrec: USA & Canada: 1 800 424-9300
Outside USA and Canada: +1 703 527-3887

Website: <http://www.lpslabs.com>

Section 2 • Hazards Identification

This preparation contains materials that are considered skin irritants in their pure form (see OSHA Hazard Communication Standard (29 CFR 1910.1200)). This product conforms to the Cosmetics Regulations of the Food and Drugs Act as passed by the Parliament of Canada; this MSDS is provided as reference to the Hazards of the individual ingredients contained herein.

Emergency Overview:

Aerosol: Not applicable

Bulk: CAUTION: FOR EXTERNAL USE ONLY. DO NOT allow towel contact with eyes.

Primary route(s) of entry: Skin and eye contact.

Potential Acute Health Effects:

Eyes: Irritating to eyes.

Skin: This product contains d-limonene, an identified sensitizer and occupational allergen. Prolonged exposure may cause skin dryness or cracking.

Inhalation: Not a likely route of exposure.

Ingestion: If swallowed, irritation of the throat or stomach, nausea, vomiting and diarrhea may occur. Towel will cause choking.

Potential Chronic Health Effects:

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

Mutagenic Effects: None

Teratogenic Effects: None

Target Organs: None



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Medical conditions aggravated by exposure:

Persons with pre-existing skin conditions such as dermatitis and eczema may be adversely affected.

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	Weight Percent
d-limonene	5989-27-5	5 - 10%
C12 - C15 Ethoxylated Alcohols	68131-39-5	1 - 5%
Sodium Lauryl Sulfate	151-21-3	1 - 5%

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:	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.

Section 5 • Fire Fighting Measures

Products of Combustion:	Carbon monoxide and carbon dioxide.		
General Fire Hazards:	High heat will cause product to boil, evolving vapor that could cause explosive rupture of closed containers.		
Firefighting media:	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use CO ₂ , water spray, fog or foam.		
Sensitivity to Impact:	None	Sensitivity to Static Discharge:	None
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		



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Section 6 • Accidental Release Measures

- Containment Procedures:**
- Small Spill and Leak:** Absorb with an inert material and dispose of properly.
- Large Spill and Leak:** Prevent material from entering sewers and drains. Pick up free liquid for disposal using absorbant pads, sand or other inert non-combustible materials. Place into appropriate waste containers for later disposal.
- Clean-Up Procedures:** Recover free product and place in a suitable container for disposal.
- Evacuation Procedures:** Ventilate area of leak or spill. Keep unnecessary and unprotected people away.
- Special Procedures:** Wear appropriate protective equipment during cleanup.

Section 7 • Handling and Storage

- Handling:** DO NOT allow towel to come in contact with eyes. For external use only. Nor for use on face. DO NOT smoke while using. Towel should not be used near fire or open flame.
- Storage:** Keep container in a cool, well-ventilated area. Store between 40°F and 120°F (4.4°C and 49°C). Keep out of reach of children.
- Precautions to be taken in handling and storage:**
Keep container closed when not in use.

Section 8 • Exposure Controls / Personal Protection

Exposure Guidelines:

Component	CASRN	OSHA	ACGIH	NIOSH	Supplier
d-limonene	5989-27-5	Not established	Not established	Not established	None reported
C12 - C15 Ethoxylated Alcohols	68131-39-5	Not established	Not established	Not established	None reported
Sodium Lauryl Sulfate	151-21-3	Not established	Not established	Not established	None reported

Engineering Controls: None required under normal conditions.

Personal protective equipment

Eye protection: None required under normal conditions.

Hand protection: Material is designed for skin cleansing.

Respiratory protection: None required under normal conditions.

General Hygiene None normally required.



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Section 9 • Physical and Chemical Properties

Appearance:	Saturated Towel	Color:	Liquid solution on an orange towel	
Odor:	Orange	Evaporation Rate:	Not established	
Solubility Description:	Dispersible	Flash Point:	> 100°C (212°F)	
Boiling Point:	100°C (212°F) - dispensed liquid	Flash Point Method:	PMCC	
Specific Gravity (H₂O=1):	0.98 - 0.99 @ 20°C	Decomposition Temperature:	Not established	
Vapor Density (air = 1):	> 1	Auto ignition temperature:	Not established	
Vapor Pressure:	Not established	Flammable limits (estimated):	LOWER:	N.E.
			UPPER:	N.E.
Rule 1171 PPc:	Not applicable	Partition Coefficient (octanol/water):	Not established	
V.O.C. Content:	Aerosol: Not applicable Bulk: 8% per State & Federal Consumer Product Regulations	Odor Threshold:	Not established	
Melting Point:	Not established	Viscosity:	Not established	
pH:	9.3 - 10.3	Volatiles:	Not established	
Heat of combustion:	Aerosol: Not applicable Bulk: Not established			

Section 10 • Stability and Reactivity

Chemical Stability:	Product is stable under recommended storage conditions.
Conditions to Avoid:	Avoid substances that react with water, extreme heat and freezing.
Incompatibility:	Materials incompatible with water. Strong oxidizers.
Hazardous Decomposition:	These products are carbon oxides (CO, CO ₂).
Hazardous Polymerization:	Will not occur.



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Section 11 • Toxicological Information

Acute and Chronic Toxicity

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

B: Component Analysis

Component	CASRN	LC-50	LD-50
d-limonene	5989-27-5	Not established	> 5000 mg/kg / rat*
			> 5000 mg/kg / dermal / rabbit*
C12 - C15 Ethoxylated Alcohols	68131-39-5	Not established	2.5 - 5 g/kg / oral / rat*
			2000 mg/kg / dermal / rabbit*
Sodium Lauryl Sulfate	151-21-3	> 3900 mg/m3 / rat / 1 hr	1288 mg/kg / oral / rat

* Supplier Data

Section 12 • Ecological Information

Mobility: Not established **Persistence / Degradability:** Partially biodegradable

Bioaccumulative potential: Minimal bioaccumulation potential **Other adverse effects:** None known

Ecological studies have not been conducted for this product. The following information is available for component(s) of this product.

Ecotoxicity

Effects on Organisms	Component	CASRN	Test	Species	Results
Acute Toxicity on Fishes	d-limonene	5989-27-5	4-day LC50	Oncorhynchus Mykiss	35,000 µg/L
	C12 - C15 Ethoxylated Alcohols	68131-39-5	96-hr LC50	Fathead Minnow	0.5 mg/L
Acute Toxicity on Daphnia	C12 - C15 Ethoxylated Alcohols	68131-39-5	48-hr LC50	Daphnia Pulex	0.76 mg/L
Bacterial Inhibition	No data available				
Growth inhibition of algae					
Bioaccumulation in fish					

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Section 13 • Disposal Considerations

- Waste Status:** In its purchased form, this material does not meet the definition of a RCRA hazardous waste (40 CFR 261).
- Disposal:** Waste must be disposed of in accordance with any and all applicable environmental control rules and/or 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.

Section 14 • Transport Information

This product is not regulated by any mode of transportation.

The preceding information is subject to change and must be verified prior to shipment. It is the responsibility of anyone offering hazardous materials for shipment to ensure compliance with all applicable regulations.

Section 15 • Regulatory Information

U.S. Federal Regulations

FDA Labeling/Ingredients listing:

Water, R-p-mentha-1-8-diene, C12-C15 Pareth-7, Sodium Lauryl Sulfate, Fragrance, Isopropyl Alcohol, Sorbitol, Isoparaffin, Potassium Sorbate, Hexahydro-1,3,5-Tris(2-hydroxyethyl)-s-Triazine, Propylene Glycol, BHT and Aloe Barbadensis Leaf Juice (Aloe Vera).

Complies with current FDA regulations for cosmetic products.

RCRA Hazardous Waste No.: None

Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA):

None

Toxic Substances Control Act (TSCA):

All components of this product are TSCA inventory listed and/or are exempt.

Superfund Amendments and Reauthorization Act (SARA) Title III SARA Section 311/312 (40 CFR 370) Hazard Categories:

None

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

No individual section 313 component is present at or above 1%.

Section 112 Hazardous Air Pollutants (HAPs): None

State Regulations

California: This product does not contain chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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

New Jersey Right to Know:

Refer to FDA Labeling/Ingredients listing.



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International Regulations

Canadian Environmental Protection Act (CEPA):

All of the components of this product are included on the Canadian Domestic Substances list (DSL).

Canadian Workplace Hazardous Materials Information System WHMIS:

This product is not WHMIS controlled.

Health Canada Food and Drugs Act, Cosmetic Regulations:

This product conforms to the regulations.


WHMIS Classification:

NOT WHMIS controlled

Other Regulations:

Montreal Protocol listed ingredients:	None
Stockholm Convention listed ingredients:	None
Rotterdam Convention listed engredients:	None
RoHS Compliant:	Yes

Section 16 • Other Information

MSDS#: 19200 MSDS Preparation Responsible Name: Elena Badiuzzi Compliance Manager Telephone: +1 770 243-8800	HMIS 1996 Health: 1 Flammability: 1 Reactivity: 0	HMIS III Health: [] 1 Flammability Aerosol: NA Flammability Bulk: 1 Physical Hazard Aerosol: NA Physical Hazard Bulk: 0	NFPA Flammability  Health Reactivity Special
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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.

Elena Badiuzzi, Compliance Manager
 LPS Laboratories, a division of Illinois Tool Works