



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

**Product Name:** OSC-1809 Surface Washing Agent  
**Product ID#** OSC-1809  
**Tariff Code:** 3402.90.5000  
**Manufactured by:** LH Organics, LLC.  
**General Information:** 925-376-1400

Bio-based Plant Cleaner

**Emergency Contact:**

925-376-1400

[www.lhorganics.com](http://www.lhorganics.com)

920 Country Club Drive, PO Box 157 Moraga, CA 94556

**Technical Assistance:** 925-376-1400

**Fax Number:**

925-376-8648

## Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Coconut Fatty Acid	61788-47-4	NE	NE	Prop.
Corn/Coconut Oil Blend	N/A	NE	NE	Prop.
Tween 85	9055-70-3	NE	NE	Prop.
Biosoft N91-8	68439-46-3	1400mg/kg	NE	Prop.
Glucopon 215 UP	68515-73-1	>5000 mg/kg	NE	Prop.
D-Glycopyranoside hexyl	54549-24-5	>3000 mg/kg	NE	Prop.

## Section 3: Hazards Identification

Emergency Overview
<b>Appearance and Odor:</b> Slightly Viscous Liquid, Clear Light Amber, Soapy Odor
No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous

## Potential Health Effects:

**Eyes:** No evidence of Adverse effect  
**Inhalation:** No evidence of Adverse effect  
**Ingestion:** No evidence of Adverse effect

See section 11 for toxicology and carcinogenicity on Product Ingredients.

**Skin and Skin Absorption:** No evidence of Adverse effect  
**Potential Health Effects:** No evidence of Adverse effect  
**Chronic Effects:** No evidence of Adverse effect  
**None Known**

Medical Conditions Aggravated by Exposure:

## Section 4: First Aid Measures

**EYES:** No Evidence of Adverse Effects  
**INHALATION:** No Evidence of Adverse Effects  
**INGESTION:** No Evidence of Adverse Effects  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

**SKIN & SKIN ABSORPTION:** No Evidence of Adverse Effects  
**POTENTIAL HEALTH EFFECTS:** No Evidence of Adverse Effects  
**CHRONIC EFFECTS:** No Evidence of Adverse Effects  
**NOTE TO PHYSICIANS:** No Specific Instructions

See Section 11 for Toxicology and Carcinogenicity information on product ingredients

**Flammable Properties:** As defined by OSHA, this product is non-flammable

## Section 5: Fire Fighting Measures

**Flash Point:** None (TCC)  
**UEL:** NA  
**LEL:** NA

**Autoignition Temperature:** NE  
**Explosion Sensitivity to Impact:** None  
**Protection to Firefighters:**

**Explosion Sensitivity to Static Discharge.:** None  
**Products of Combustion:** None  
**No special Precautions needed.**

Suitable Extinguishing Media:

This Material will not burn. Use extinguishing media appropriate for surrounding fire.

## Section 6: Accidental Release Measures

**Personal Precautions:**  
**Methods for Containment and Cleanup:**

Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.  
 Rinse area thoroughly with water. This product is safe to wash into waste systems.

Environmental Precautions: None required

## Section 7: Handling and Storage

Handling procedures:

No Special procedures needed.

## Section 8: Exposure Controls / Personal Protection

**Engineering Controls:** None Required  
**Respiratory Protection:** None Required  
**Eye / Face Protection:** None Required  
**Skin Protection:** None Required  
**Gloves:** None Required  
**Other Safety Equipment:** None Required

Store in a cool, well ventilated area. Avoid low temperatures.

Exposure Guidelines:

**OSHA PEL:** NE  
**ACGIH TLV:** NE

Component	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	Source
						Unit
All other components have Vacated values for exposure or hazard due to denaturing when added to the proprietary base compound						
NE=Not Established C= Ceiling S=Skin V= Vacated						

## Section 9: Physical and Chemical Properties

**Specific gravity:** 0.993  
**Initial Boiling Point:** 214° F  
**Solubility in Water:** Complete

**Physical State:** Liquid  
**Color:** Clear Light Amber  
**Odor:** Soapy Odor  
**pH:** 9.7

Volatile Organic Compounds:

VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59  
 Estimated tested amount per product = <1mm/Hg

## Section 10: Stability and Reactivity

**Stability:** Stable Incompatible Materials:

None Known

Conditions to avoid:

None Hazardous decomposition Products: None

## Section 11: Toxicological Information

**IARC Monographs:** None  
**Skin Sensitization:** None  
**Respiratory Sensitization:** None

**Irritancy of Product:** None  
**Reproductive Toxicity:** None  
**Carcinogenicity:** This Product does not contain any known or suspected human carcinogens

**ACGIH (A1, A2 or A3):** None  
**Chronic Effects:** None  
**Name of Synergistic Product or Effect:** None

## Section 12: Ecological Information

## Section 13: Disposal Considerations

**Ecotoxicity / Aquatic Toxicity:** None  
**Persistence / Degradability:** Readily Biodegradable  
 Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems.  
 Always dispose as per Federal, State or local regulations.

## Section 14: Transport Information

## Section 15: Regulatory Information-U.S. Federal

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Reportable Quantities (RQ's) for the following Ingredients: None  
 Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and Local Agencies  
 Superfund Amendments Reauthorization Act (SARA) Title III Section 302 Extremely Hazardous Substances (EHS): None Other Regulatory Info.: None  
 This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None

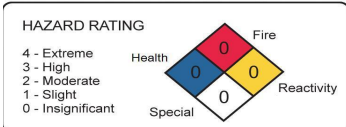
State regulations: This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None

## State Right To Know

Massachusetts: None New Jersey: None Pennsylvania: None Rhode Island: None

Clean Air Act: None

## Section 16: Other Information



**(HMIS) Health: 0 Flammability: 0 Reactivity: None**  
**Prop.:** Proprietary  
**CAS:** Chemical Abstract Service  
**OSHA:** Occupational Safety & Health Administration  
**PPE:** Personal protective Equipment  
**PMCC:** Pensky-Martins Closed Cup  
**NIOSH:** National Institute of Occupational Safety & Health  
**ACGIH:** American Conference of Government Industrial Hygienists

**Keys to abbreviations:**  
**TCC:** Tags Closed Cup  
**ppm:** Parts per Million  
**TLV:** Threshold limit Value  
**TWA:** Time Weighted Average  
**lbs. / gal.:** Pounds per Gallon  
**STEL:** Short Term Exposure Limit  
**PEL:** Permissible Exposure Limit

**NE:** Not Established  
**mg:** Milligram  
**ml:** Milliliter  
**kg:** Kilogram  
**gr:** Gram  
**k:** 1000

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of LH Organics, LLCs' knowledge or obtained from sources LH Organics believes to be accurate. Before using any product, read all warnings and instructions on the label.

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Changes since last Revision: Updated Chart

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3/10/11