

MATERIAL SAFETY DATA SHEET

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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	SOY HAND CLEANER	HMIS RATING
Product Description:	Water Base Hand Cleaner	Health: 1
Product Code:	None	Fire: 0
Date Prepared:	May 15, 2007	Reactivity: 0
		PPE: A

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS#	%	SARA	TITLE III	PEL	TLV
Mineral Oil	8042 45 7	1-5	NA	NA	5 mg/m3	
Citrus Terpenes	5989-27-5	1-5	NA	NA		

This Product Contains Esters of Vegetable and Soy Bean Oils and Citrus Terpenes not listed by ACGIH.

Components listed as a suspected carcinogen: None

SECTION 3. HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Effects of Overexposure:

Primary Routes of Entry: Ingestion, Inhalation, Skin and Eye Contact.

ACUTE:

EYE CONTACT: May cause irritation with possible transient corneal damage.

SKIN: May cause irritation.

INHALATION: Inhalation of Mineral Oil mists or vapors may cause irritation to respiratory system.

INGESTION: May cause nausea, vomiting, and/or diarrhea.

CHRONIC:

Prolonged or repeated contact may result in defatting of skin with potential dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of the contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None reported.

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SECTION 4. FIRST AID MEASURES

Emergency and First Aid Procedures.

- IF IN EYES: Immediately flush with large quantities of clean water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
- IF ON SKIN: Rinse exposed area with clean water for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.
- IF SWALLOWED: **DO NOT INDUCE VOMITING.** Ingestion and subsequent vomiting may result in chemical pneumonitis and be potentially fatal. If conscious, immediately drink two glasses of water. Never give anything orally to an unconscious or convulsing person. If available, give several glasses of milk. Get prompt medical attention.
- IF BREATHED: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Get prompt medical attention.

SECTION 5. FIRE FIGHTING MEASURES

- FLASH POINT (PMCC): > 200 Deg F.
- FLAMMABLE LIMITS IN AIR: Not Determined.
- EXTINGUISHING MEDIA: Dry Chemical, carbon dioxide, foam, or water fog. Class BC or ABC fire extinguisher.
- SPECIAL FIRE FIGHTING PROCEDURES: Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
- UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.
- HAZARDOUS DECOMPOSITION PRODUCTS: CO and/or CO₂.

SECTION 6. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Use required personal protective equipment when entering spill area. Avoid entering spill area, spilled material may be extremely slippery.

- SMALL SPILL: Release of small amounts to sanitary sewer is inherent with normal end use. Use appropriate absorbent material to absorb residual material and transfer absorbed material to containers for disposal.
- LARGE SPILL: Stop spill at source using dam, dike or divert techniques to prevent spill from spreading. Salvage any free product for reuse, if possible. Use absorbent to absorb any residual material. Transfer into container for disposal in Class D landfill pending approval. Follow up with water flush.

SECTION 7. HANDLING AND STORAGE

Preferred storage is between 60 and 100 deg. F. Keep Container closed when not in use. Never use pressure to empty. Use with adequate ventilation. Prevent from freezing. If container is to be returned or recycled, make sure container is drip dry. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, (vapor, liquid, and/or solids) all precautions given in this data sheet should be observed.

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SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION EQUIPMENT

Occupational Exposure Limits:

	ACGIH TLV	TLV(C)	STEL	OSHA STEL	PEL
Mineral Oil	5 MG/M3	NA	-	NA	

RESPIRATORY PROTECTION: None normally required under normal use. If TLV of product or any component is exceeded, used an approved NIOSH/MSHA respirator. Good Hygiene controls should be implemented to control exposures.

VENTILATION Provide sufficient general and/or local exhaust to maintain exposure below the TLV(s).

PROTECTIVE GLOVES: None required for normal recommended use.

EYE PROTECTION: None required for normal use.

OTHER PROTECTIVE EQUIPMENT: None normally needed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Approx. 218 deg. F.
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Specific Gravity:	>1.05
Percent Volatiles:	10-12%
Evaporation Rate:	Not determined for product
Appearance and odor:	White Viscous Liquid, Mild Citrus Odor.
pH:	7.5-8.5

SECTION 10. STABILITY AND REACTIVITY

STABILITY:	Product is stable
HAZARDOUS POLYMERIZATION:	Will not occur.
INCOMPATIBILITY:	None Known
CONDITIONS TO AVOID:	None Known

SECTION 11. TOXICOLOGICAL INFORMATION

Substance	Specie	LD50
Mineral Oil	Not Available	Not Available

CARCINOGENICITY: The NTP, IARC, or OSHA does not consider this product or its components carcinogenic.

SECTION 12. ECOLOGICAL INFORMATION

None Available For Product

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SECTION 13. DISPOSAL CONSIDERATIONS

EPA HAZARDOUS WASTE CODE: NONE

Product must be disposed of properly under Federal and State regulations for industrial wastes. Recommended disposal is incineration or Disposal in a Class D landfill of absorbed wastes pending approval. As delivered, this product when spilled, released or disposed of, is a non-hazardous waste as defined in RCRA regulations 40 CFR Part 261.

SECTION 14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Soy Hand Cleaner
DOT HAZARD CLASS: None
DOT IDENTIFICATION NO. None
DOT PACKING GROUP: None
DOT RQ FOR PRODUCT: NA
DOT MARINE POLLUTANT: NA
EMERGENCY RESPONSE GUIDE NUMBER: None

CANADIAN TDG/WHMIS REGULATIONS:

TDG NAME: Soy Hand Cleaner
TDG CLASS: None
PIN NUMBER: None
WHMIS: D 2 B

SECTION 15. REGULATORY INFORMATION

TSCA: The ingredients of this product are on the TSCA inventory.

SARA TITLE III HAZARD CATEGORIES

SECTION 311: ACUTE: YES CHRONIC: NO
SECTION 313: NONE
FIRE HAZARD: NO
REACTIVE HAZARD: NO
SUDDEN RELEASE OF PRESSURE: NO

PROPOSITION 65: NONE

STATES RIGHT TO KNOW

MASSACHUSETTS: NONE
PENNSYLVANIA: NONE

CALIFORNIA SCAQMD: NONE

EEC Classification: Irritant

This product, as delivered, is not regulated as a hazardous substance.

SECTION 16. OTHER INFORMATION

PLEASE NOTE! Use only as directed. Do not mix with other chemicals unless advised by supplier.