



SENSITIVE HOME INC.
336 Bon Air Center, #515
Greenbrae, CA 94904
United States

SAFETY DATA SHEET

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SECTION 1: PRODUCT IDENTIFICATION

Identity: **Sensitive Home Liquid Dishwashing Detergent (Free and Clear)**

Recommended Use: Dishwashing liquid for removing food and cooking soils from pots, pans, dishes, glasses, and utensils

Supplier Address

Sensitive Home Inc.
336 Bon Air Center, #515
Greenbrae, CA 94904
United States

Emergency Phone Number: Contact CHEMTREC (Monday – Friday, 8:30 AM to 5:00 PM EST): 1-800-262-8200

General Questions (Monday – Friday, 8:00 AM to 6:00 PM PST): (925) 997-6397

SECTION 2: HAZARDS IDENTIFICATION

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Classification of the Substance or Mixture

Classification (GHS-US)

Acute Toxicity (oral) Cat. 4, H302
Skin corrosion/irritation Cat. 1A, H314
Eye Damage Cat. 1, H318

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):



Signal Word (GHS-US): Danger

Hazard Statements (GHS-US):

H302 – Harmful if swallowed
H314 – Causes severe skin burns and eye damage
H318 – Causes serious eye damage

Precautionary Statements (GHS-US):

P310 – Immediately call a poison center or doctor/physician.
P321 – See treatments below for eye or skin contact.
P330 – Rinse mouth.
P363 – Wash contaminated clothing before reuse.
P301+P312 – IF SWALLOWED: call a POISON CENTER.
P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 – IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].
P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other Hazards (Acute and Chronic)

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Can emit toxic fumes if mixed with products

Unknown Acute Toxicity (GHS-US): Not available

SECTION 3: COMPOSITION AND INGREDIENTS

Ingredients: Water, sodium coco sulfate, alkyl polyglucoside, glycerine, ethanol, protease, amylase, phenoxyethanol, ethylhexylglycerine, fragrance, sodium gluconate, sodium chloride, sodium hydroxide.

Sensitive Home Liquid Dishwashing Detergent (Free and Clear) contain the following ingredients as defined by OSHA, 29 CFR §1910.1200, the following information is provided for the safety of its users:

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>Classification (GHS-US)</u>
Water	Water	7732-18-5	60-80%	Not classified
Sodium coco sulfate	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	10-20%	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
Alkyl polyglucoside	D-Glucopyranose, oligomeric, C ₁₀₋₁₆ -alkyl glycosides	110615-47-9	5-15%	Skin Irrit. 2, H315 Eye Dam. 1, H318
Cocamine oxide	Amines, coco alkyldimethyl, N- oxides	61788-90-7	1-10%	Skin Corr. 1A, H314 Eye Dam. 1, H318
Ethanol	Ethanol	64-17-5	1-5%	Flam. Liq. 2, H225
Glycerine	Glycerol	56-81-5	1-5%	Not classified
Magnesium sulfate	Magnesium sulfate	7487-88-9	<1%	Not classified
Citric acid	Citric acid	77-92-9	<1%	Eye Irrit. 2, H319
Hydrogen peroxide	Hydrogen peroxide	7722-84-1	<1%	Skin Corr. 2, H315 Eye dam. 1, H318

SECTION 4: FIRST AID INFORMATION

General Advice	If symptoms persist, call a physician. Do not breathe dust/fumes/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin Contact	Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothing and shoes.
Inhalation	Move to fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
Ingestion	Rinse mouth. Drink plenty of water. Do not induce vomiting without medical advice. Call a physician or Poison Control Center immediately.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Use personal protective equipment.

SECTION 5: FIRE FIGHTING INFORMATION

	Not flammable
Flash Point	> 201°F / > 94°C
Flammability Limits in Air	

Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Autoignition Temperature	No information available
Hazardous Combustion Products	None
Explosive Properties	No information available
Explosion Limits	
Upper (UEL)	No information available
Lower (LEL)	No information available
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	None
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<u>NFPA</u>	Health Hazard 2 Flammability 0 Stability 0 Physical and chemical hazards -
<u>HMIS</u>	Health Hazard 2 Flammability 0 Physical Hazard 0 Personal Protection -

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Minimize dust levels while collecting product (see “Inhalation” health effects). Prevent exposure to dust with NIOSH approved respirators with HEPA filters. Minimize prolonged skin contact by using gloves.
Environmental Precautions	Disposal is to be performed in compliance with all Federal, state/provincial and local regulations. Small (household) solutions may be disposed of in sewer. Dry product may be landfilled if permitted by local regulations. Discard empty container in trash. Wastewater containing product may be disposed of in sewer in compliance with all federal and state/provincial regulations, and local ordinances.
Methods for Containment	For dry product spills, collect material in an approved container while minimizing dust generation. Vacuum, as appropriate, remaining dust on floor.
Methods for Cleaning Up	Recycle or dispose of product, as necessary, in accordance with regulations and other requirements in this section. Flush small (household) quantities down acceptable sanitary/process sewer. Wipe up small spills with a damp cloth. Dispose of according to local regulations.
Other information	Not applicable.

SECTION 7: HANDLING AND STORAGE

Advice on Safe Handling	Avoid contact with skin, eyes, and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use.
Technical Measures/Storage Conditions	Keep container tightly closed in a dry and well-ventilated area. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines

Respiratory Protection (Specify Type): None required with normal use.

Ventilation: *Local Exhaust:* None required with normal consumer use *Special:* None
 Mechanical (general): Normal/general dilution ventilation is acceptable *Other:* None

Eye Protection: None required with normal consumer use

Industrial Setting: *Chemical goggles or other liquid/aerosol tight eye protection should be used if splash or exposure is possible.*

Protective Gloves: None required with normal consumer use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used if handling of the material could result in incidental or prolonged contact.

Other Protective Equipment: None required with normal consumer use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Appearance	Viscous liquid
Color	Colorless to pale yellow	Odor	Neutral base
Odor Threshold	No information available	pH	7.5-8.5 (1% solution)
Specific gravity	No information available	Density	No information available
Viscosity, kinematic	No information available	Flash Point	> 201°F / >94°C
Method	No information available	Auto-ignition Temperature	No information available
Decomposition temperature	No information available	Boiling point/ Boiling Range	No information available
Melting point	No information available	Freezing Point	No information available
Water solubility	Soluble in water	Evaporation Rate	No information available
Vapor pressure	No information available	Vapor Density	No information available
VOC Content (%)	<1% (exempt fragrance oil)		
Flammability Limits in Air		Explosion Limits	
Upper Flammability Limit	No information available	Upper Explosion Limit	No information available
Lower Flammability Limit	No information available	Lower Explosion Limit	No information available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: None known

SECTION 11: TOXICOLOGICAL INFORMATION

Sensitive Home Liquid Dishwashing Detergent (Free and Clear) is anticipated to have a very low order of toxicity. However, it may be irritating to the mucous membranes and the gastrointestinal tract, but is not expected to be corrosive.

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	No known effect.
Ingestion	May be harmful if swallowed.
Eye contact	Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	May be harmful if swallowed.
Skin corrosion/irritation	No known effect.
Serious eye damage/eye irritation	Irritating to eyes.
Skin sensitization	No known effect.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.

Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.

Carcinogenicity No known effect.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	1200 mg/kg (Rat)	>2000 mg/kg (Rat)	
D-Glucopyranose, oligomeric, C ₁₀₋₁₆ -alkyl glycosides	>5000 mg/kg (oral, rat)		
Oleic acid	25.000 mg/kg (oral, rat)		
Ethanol	LD ₅₀ = 3450 mg/kg (mouse); LD ₅₀ = 6300 mg/kg (rabbit); LD ₅₀ = 7060 mg/kg (rat); LD ₅₀ = 9000 mg/kg (rat)		LC50 = 39 gm/m ³ /4 hr (mouse); LC50 = 20000 ppm/10 hr (rat)

SECTION 12: ECOLOGICAL INFORMATION

Based on ecotoxicity and environmental fate data for the individual ingredients in this product, and for related household cleaning product formulations, it is expected that these mixtures would exhibit a non-hazardous order of toxicity at relevant environmental concentrations. The environmental impact of this product has not been fully investigated:

The following is estimated information for the product.

<u>PRODUCT / INGREDIENT</u>	<u>LC50 / ED50 (mg/L)</u>	<u>TOXICITY RATING</u>
VERTEBRATES		
Sensitive Home Liquid Dishwashing Detergent (Free and Clear)	96h LC50: > 100 mg/l (Fish)	Practically Non-hazardous
INVERTEBRATES		
Sensitive Home Liquid Dishwashing Detergent (Free and Clear)	48h EC50: > 100 mg/l (<i>Daphnia magna</i>)	Practically Non-hazardous

Environmental Fate: No environmental fate data exists for the product. Based on environmental information for the major components, the product is anticipated to be biodegradable at the expected release concentration.

Persistence and Degradability: The persistence and degradability of this product has not been determined. Based on environmental information for the major components, the product is anticipated to be biodegradable at the expected release concentration.

Bioaccumulation: The bioaccumulation potential of this product has not been determined. Based on environmental information for the major components, the product is anticipated to be biodegradable at the expected release concentration.

Mobility: The mobility of this product (in soil and water) has not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: This product in its original form, when disposed as waste, is considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with all Federal, state/provincial, and local regulations.

Household Use: Consumer-produced household solutions may be disposed of down the drain with running water. Consumer may discard empty container in trash, or recycle where facilities exist.

SECTION 14: TRANSPORT INFORMATION

GROUND TRANSPORT

DOT Proper Shipping Name: Not regulated
DOT Hazard Class: Not applicable

UN/NA Number: Not applicable
Packing Group: Not applicable

AIR TRANSPORT (ICAO/IATA)

ICAO/IATA Hazard Class: Not regulated
ICAO/IATA Proper Shipping Name: Not regulated

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Hazard Class: Not regulated
IMDG/IMO Proper Shipping Name: Not regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Complies

TSCA – United States Toxic Control Substances Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals, which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pursuant to releases of this material.

U.S. State Regulations

California Proposition 65

This product contains ethanol, which is identified as a Proposition 65 chemical. Ethanol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage..

U.S. State Right-to-Know Regulations

No disclosures necessary

Canada

No disclosures necessary

SECTION 16: OTHER INFORMATION

Disclaimer: This MSDS has been prepared to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained herein has been compiled from readily available sources considered by Sensitive Home Inc. to be dependable and accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

Sensitive Home Inc.

Hazard Rating:	Health: 2	4 = EXTREME
	Flammability: 0	3 = HIGH
	Reactivity: 0	2 = MODERATE
		1 = SLIGHT
		0 = NOT SIGNIFICANT

Data supplied is for use only in connection with occupational safety and health.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Sensitive Home Inc. assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of this product.

