

**HUIISH detergents MATERIAL SAFETY DATA SHEET**  
**Liquid Dish Detergent & Antibacterial Hand Soap**

**Section I - Product Information**

Product Trade Name: Liquid Dish Detergent & Antibacterial Hand Soap  
CAS Number: N/A, mixture  
Manufacturer: Huish Detergents, Inc.  
3540 W. 1987 S.  
Salt Lake City, UT 84104  
Effective Date: July 2, 2004  
Formula: Mixture of Surfactants w/ Triclosan  
DOT Shipping Name: Not regulated  
Label: Not regulated  
Emergency Telephone: 801-975-3194  
General Information: 800-776-6702

**Section II - Hazardous Ingredients**

<u>Ingredients</u>	<u>TLV</u>	<u>PEL</u>	<u>STEL</u>	<u>CAS No.</u>	<u>% wt</u>
Triclosan	None	None	None	3380-34-5	<1
Ethanol	None	None	None	64-17-5	0-6

**Section III - Physical Data**

Boiling Point: 200 °F  
Freezing Point: Variable  
Specific Gravity (H<sub>2</sub>O = 1): 1.045 - 1.065  
Density, (lbs./gal.): 8.72 - 8.888  
% Volatile: 59 % max. (including water)  
Evaporation Rate: Unknown  
Solubility in Water: Infinitely soluble  
pH (as is): 6.5 - 7.0  
Appearance and Odor: Clear orange liquid; Perfumed.

**Section IV - Fire and Explosion Data**

Flash Point: >200 °F  
Extinguishing Media: Water, Foam, CO<sub>2</sub>, or Dry Chemical  
Fire Fighting Procedures: Cool material with water.  
Fire / Explosion Hazards: None

**Section V - Reactivity Data**

Stability: Stable  
Conditions to Avoid: None known.  
Incompatibilities: None known.  
Hazardous Decomposition: None  
Hazardous Polymerization: None

**Section VI - Toxicological & Health Hazard Data**

LD50: Not determined.  
Threshold Limit Value: Not determined.  
Effects of Acute Exposure:  
Ingestion: Irritation of membranes may occur.  
Inhalation: Prolonged exposure may produce headaches and mucous membrane irritation.  
Skin Contact: Direct contact may cause irritation.  
Eye Contact: Direct contact will cause irritation.  
Effects of Chronic Exposure: None determined.  
Carcinogen Status: Non-carcinogenic.

**Emergency First Aid Procedures:**

If swallowed: DO NOT INDUCE VOMITING!  
Give one to two cups water. Call physician.  
Inhalation: Remove to fresh air; consult a physician if symptoms persist.  
Skin Contact: Promptly flush with water. Remove contaminated clothing and shoes.  
Eye Contact: Promptly flush with large amounts of water for at least 15 minutes. Contact physician.

**Section VII - Safe Handling and Storage**

Store at 40°F to 90°F. Keep from freezing.  
Keep away from fire and heat.

Keep containers closed when not in use.

Provide adequate ventilation.

**IN CASE OF RELEASE OR SPILL:**

Stop spill at source and contain or dike with inert absorbent material.

Transfer liquid to containers for recovery or disposal.

Shovel absorbent into drums for disposal in accordance with local, state and federal regulations.

**RECOMMENDED WASTE DISPOSAL METHODS:**

Large quantities should not be flushed into sewer system.

Product does not meet the criteria of a hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Dispose of in accordance with all regulations applicable to non-hazardous liquid waste. Spill areas are slippery. Foams profusely when hit with water stream.

**SECTION VIII - CONTROL MEASURES AND PROTECTIVE EQUIPMENT**

None required under normal use conditions. Goggles and rubber gloves may be worn for splash protection.

**SECTION IX - REGULATORY INFORMATION**

SARA Title III (Superfund Amendment and Reauthorization Act)

Section 302 - Extremely Hazardous Substances: None

Section 304 - Release Reporting:

Sodium dodecylbenzenesulfonate

Reportable Quantity: 1,000 lbs.

Section 311/312 - Material Safety Data Sheet Requirements: None

Section 313 - Toxic Chemicals: None

California Prop 65: None

**SECTION X - HAZARD RATING INFORMATION**

**HAZARD RATING**

4 = Extreme

0 = Insignificant

Health - 1

Fire - 0

Reactivity - 0

**SECTION XI - USER'S RESPONSIBILITY**

HUIISH Detergents, Inc. cannot anticipate all conditions of handling and use of this product. Therefore, HUIISH Detergents, Inc. accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. HUIISH Detergents, Inc. will accept no liability for damages or loss incurred from the improper use or handling of this product.