

# Safety Data Sheet

## OPTISOURCE ANTIBACTERIAL FOAM HAND SOAP

### Section 1. Identification

Product Identifier	OPTISOURCE ANTIBACTERIAL FOAM HAND SOAP		
Synonyms	FOAM HAND SOAP WITH 0.13% BENZALKONIUM CHLORIDE		
Manufacturer Stock Numbers	12504		
Recommended use	To help reduce or kill bacteria on the hands.		
Uses advised against	Do not use in or near eyes. For external use only Do Not swallow.		
Manufacturer Contact Address	Chester Packaging, LLC 1900 Section Road Cincinnati, OH, 45237 USA		
	Phone	Emergency Phone	Fax
	800-354-9709	800-424-9300 CHEMTREC	(513) 458-3858
	Email	www.chesterpackaging.com	

### Section 2. Hazards Identification

Classification	ACUTE TOXICITY - ORAL - Category 4 EYE DAMAGE/IRRITATION - Category 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT - A - Category 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT - L - Category 1 SKIN CORROSION/IRRITATION - Category 2
Signal Word	Danger

Pictogram



Hazard Statements

Causes serious eye damage  
Causes skin irritation  
Harmful if swallowed  
Health hazards indicated above are 5.0% of the mixture.  
Very toxic to aquatic life with long lasting effects  
Very toxic to aquatic life

Precautionary Statements

Response

Collect spillage  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical advice/attention.  
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.  
Immediately call a poison center/doctor/ ...  
Rinse mouth.  
Specific treatment (see ... on this label)  
Take off contaminated clothing and wash it before reuse.

Prevention

Do not eat, drink or smoke when using this product.

Storage

N/A

Disposal

N/A

Ingredients of unknown toxicity

1.1%

Hazards not Otherwise Classified

No Data Available

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
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**Occupational exposure limits, if available, are listed in Section 8.**

This Product contains one or more ingredients where the specific chemical identity and exact percentage of composition has been withheld as a trade secret

## Section 4. First-Aid Measures

General Advice:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.
Skin Contact:	Wash with soap and water; if irritation persists, seek medical attention.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious and alert, give large amounts of water. Get medical attention.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Carbon Dioxide (CO <sub>2</sub> ) or Dry Chemical
Unsuitable Extinguishing Media	Water jet. None known Water spray is an unsuitable extinguishing agent Self contained breathing apparatus and full protective clothing must be worn in case of fire. During fire, gases hazardous to health may be formed. Use standard firefighting procedures and consider the hazards of other involved materials.
Special Fire Fighting Procedures:	Self contained breathing apparatus and full protective clothing recommended.

## Section 6. Accidental Release Measures

Non-hazardous Small Spill:	Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.
Non-hazardous Large Spill:	Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

## Section 7. Handling and Storage

Handling Non-hazardous:	This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
Storage Non-hazardous:	Store in original package. Discard after the expiration date . Do not reuse package for other means.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Personal Protective Equipment	Goggles, Respirator			
Engineering Controls:	Ventilation:			
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.			
Skin Protection:	Wear protective gloves			
Eye Protection:	Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.			
Other protective equipment:	Wear appropriate chemical resistant clothings.			
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.			

## Section 9. Physical and Chemical Properties

Physical State	Liquid foaming
Color	Clear-slightly yellow solution
Odor	Slight amine odor
Odor Threshold	N.D.
Solubility	Soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>199.4°F (93.0°C)
FP Method	N.D.
Ph	4.0-6.0
Melting Point	N.D.
Boiling Point	212°F (100° C)
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.A.
Vapor Density	N.D.

## Section 10. Stability and Reactivity

Stability:	Stable.
Reactivity:	Product is considered stable during storage and transportation under normal conditions.
Hazardous Decomposition or Byproducts:	None in normal use
Conditions to avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatibility (Materials to Avoid):	Strong oxidizing agents.
Hazardous Polymerization	N.D.

## Section 11. Toxicological Information

Product summary:	Toxicological information is listed for <0.9% of the mixture which are considered as hazardous to health.
Principle Routes of Exposure:	Inhalation: May cause irritation to the respiratory system. Skin contact: causes severe skin burns. Eye contact: causes serious eye damage. Ingestion: Causes digestive tract burns. Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics:	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Acute Toxicity: Oral LD50:	1-dedecanaminium, n,n,n-trimethyl-, chloride( CAS No. 112-00-5) Species: Rat 490 mg/kg
Acute Toxicity: Dermal LD50:	Alkyl Dimethyl Benzylammonium Chloride( CAS No. 8001-54-5) Species: Rat 704-100 mg/kg 3560 mg/kg
Acute Toxicity: Oral LD50:	Alkyl Dimethyl Benzylammonium Chloride( CAS No. 8001-54-5) Species: Rat 525 mg/kg 430 mg/kg
Acute Toxicity: Inhalation LC50:	Alkyl Dimethyl Benzylammonium Chloride( CAS No. 8001-54-5) Species: Rat 0.054-0.51 mg/l
Acute Toxicity: Oral LD50:	Citric Acid (CAS no. 77-92-9) Species: Mouse 5400 mg/kg
Acute Toxicity: Dermal LD50:	Citric Acid (CAS no. 77-92-9) Species: Rat >2000 mg/kg D-glucopyranose, Oligomers, Decyl Octyl Glycosides (CAS no. 68515-73-1) Species: Rabbit >2000 mg/kg
Acute Toxicity: Oral LD50:	D-glucopyranose, Oligomers, Decyl Octyl Glycosides (CAS no. 68515-73-1) Species: Rat >2000 mg/kg
Respiratory/Skin Sensitization:	This product is not expected to cause a skin sensitization. Not a respiratory sensitizer.
Reproductive Toxicity:	This product is not expected to casue reproductive or developmental effects.
Germ cell Mutagenicity:	No dat avilable to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH,NTP, or OSHA.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
Specific Target Organ Toxicity - Repeated exposure:	Not classified.
Specific Target Organ Toxicity - Single exposure:	Not classified.
Aspiration hazard:	Not an aspiration hazard.

## Section 12. Ecological Information

Toxicity:	N.D.
Persistence and degradability:	N.D.
Bioaccumulative potential:	N.D.
Mobility in soil:	N.D.
Other adverse effects:	N.D.
Ecotoxicity:	Toxic to aquatic life with long lasting effects.
Partition Coefficient:	n-octanol/water(log Kow) 1-hexadecanaminium, n,n,n-trimethyl-,Chloride 3.23
Other adverse effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13. Disposal

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IMDG:	Not regulated
IATA:	N.D.

## Section 15. Regulatory Information

US Federal Regulations: Clean Air Act	N.D.
US Federal Regulations: General Product Information	N.D.
US Federal Regulations: Component Analysis	N.D.
Other Classifications:	N.D.
State Regulations: General Product Information	N.D.
State Regulations: Component Analysis	N.D.
Other Regulations:	N.D.
WHMIS (Canada):	N.D.
California Prop.65:	N.D.
CERCLA:	N.D.

## Section 16. Other Information

Revision Date 6/3/2015

Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

HMIS (U.S.A.): Health (Acute-Chronic) 2

HMIS (U.S.A.): Flammability 0

HMIS (U.S.A.): Reactivity 0

HMIS (U.S.A.): Personal Protection N.A.

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