

# SAFETY DATA SHEET



## MEDICATED FOAM HAND SOAP

### Section 1. Chemical product and company identification

**Product name** : MEDICATED FOAM HAND SOAP  
**Recommended use and restrictions** : Skin antiseptic  
Use only for the purpose on the product label.

**Product dilution information** : Not applicable

**Supplier's information** : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

**Code** : 933044-10

**Date of issue** : **11 Dec 2013**  
EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

### Section 2. Hazards identification

**GHS Classification** : **Product AS SOLD**  
SERIOUS EYE DAMAGE/ EYE IRRITATION -  
Category 2B

#### GHS label elements

**Signal word** : Warning

**Hazard statements** : Causes eye irritation.

#### Precautionary statements

**Prevention** : No special protection is required.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : No other specific measures identified.

**Disposal** : See section 13 for waste disposal information.

**Other hazards** : None known.

#### **Product AT USE DILUTION**

Product is sold ready to use.

### Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

#### **Product AS SOLD**

Hazardous ingredients	Concentration Range (%)	CAS number
TRICLOSAN	0.3	3380-34-5
Coconut oil, potassium salt	5 - 20	68783-34-6
ALCOHOL	5 - 20	64-17-5
GLYCERIN	5 - 20	56-81-5
TETRASODIUM EDTA	1 - 5	64-02-8

### Section 3. Composition/information on ingredients

Product AT USE DILUTION		
Hazardous ingredients	Concentration Range (%)	CAS number
Product is sold ready to use.		

### Section 4. First aid measures

Product AS SOLD		Product AT USE DILUTION
<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse with water for a few minutes.	Product is sold ready to use.
<b>Skin contact</b>	: Get medical attention if symptoms appear.	
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	
<b>Ingestion</b>	: Get medical attention if symptoms occur.	
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
<b>Notes to physician</b>	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
<b>See toxicological information (section 11)</b>		

### Section 5. Fire-fighting measures

Product AS SOLD	
<b>Suitable fire extinguishing media</b>	: Use water spray, fog or foam.
<b>Specific hazards arising from the chemical</b>	: In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
<b>Specific fire-fighting methods</b>	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

Product AS SOLD		Product AT USE DILUTION
<b>Personal precautions</b>	: No special measures required.	Product is sold ready to use.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
<b>Methods for cleaning up</b>	: Absorb with an inert material. Use a water rinse for final clean-up.	

## Section 7. Handling and storage

**Product AS SOLD**  
**Handling** : Wash hands after handling.  
**Storage** : Keep out of reach of children. Keep container tightly closed.  
 Store between the following temperatures: 20 and 40°C

**Product AT USE DILUTION**  
 Product is sold ready to use.

## Section 8. Exposure controls/personal protection

**Control parameters**

Ingredient name	Exposure limits
ALCOHOL	<b>ACGIH TLV (United States, 3/2012).</b> STEL: 1000 ppm 15 minutes. <b>OSHA PEL (United States, 6/2010).</b> TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 1000 ppm 8 hours. <b>NIOSH REL (United States, 6/2009).</b> TWA: 1000 ppm 10 hours. TWA: 1900 mg/m <sup>3</sup> 10 hours.
GLYCERIN	<b>OSHA PEL (United States, 6/2010).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>ACGIH TLV (United States, 3/2012).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.

**Product AS SOLD**  
**Appropriate engineering controls** : No special ventilation requirements.  
**Personal protection**  
**Eye protection** : No special protection is required.  
**Hand protection** : No special protection is required.  
**Skin protection** : No special protection is required.  
**Respiratory protection** : No special protection is required.  
**Hygiene measures** : No special measures required.

**Product AT USE DILUTION**  
 Product is sold ready to use.

## Section 9. Physical and chemical properties

**Product AS SOLD**  
**Physical state** : Liquid.  
**Color** : Green  
**Odor** : Sweetish  
**pH** : 9.2 to 9.6 (100%)  
**Flash point** : 43 °C (Closed cup)  
**Explosion limits** : Not available.  
**Flammability (solid, gas)** : Not available.  
**Melting point** : Not available.  
**Boiling point** : Not available.  
**Evaporation rate (butyl acetate = 1)** : Not available.

**Product AT USE DILUTION**  
 Product is sold ready to use.

## Section 9. Physical and chemical properties

Vapor pressure : Not available.  
 Vapor density : Not available.  
 Relative density : 1 to 1.02 (Water = 1)  
 Solubility : Not available.  
 Partition coefficient: : Not available.  
 n-octanol/water  
 Auto-ignition : Not available.  
 temperature  
 Decomposition : Not available.  
 temperature  
 Odor threshold : Not available.  
 Viscosity : Kinematic (room temperature): 0 cm<sup>2</sup>/s (0 cSt)

## Section 10. Stability and reactivity

### Product AS SOLD

Stability : The product is stable.  
 Possibility of hazardous : Under normal conditions of storage and use, hazardous reactions will not occur.  
 reactions  
 Conditions to avoid : No specific data.  
 Materials to avoid : Not available.  
 Hazardous decomposition : Under normal conditions of storage and use, hazardous decomposition products  
 products should not be produced.

## Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

### Product AS SOLD

#### Symptoms

Eye contact : Adverse symptoms may include the following:  
 irritation  
 watering  
 redness  
 Skin contact : No specific data.  
 Inhalation : No specific data.  
 Ingestion : No specific data.

#### Acute toxicity

Eye contact : Causes eye irritation.  
 Skin contact : No known significant effects or critical hazards.  
 Inhalation : No known significant effects or critical hazards.  
 Ingestion : No known significant effects or critical hazards.

#### Toxicity data

##### Product/ingredient name

ethanol	LC50 Inhalation	Rat	117 mg/l
	Vapor		
	LD50 Dermal	Rabbit	15800 mg/kg
glycerin	LD50 Oral	Rat	10470 mg/kg
	LC50 Inhalation	Rat	>2.75 mg/l
	Dusts and mists		
acetic acid, (ethylenedinitrilo)tetra-,	LD50 Dermal	Rabbit	23000 mg/kg
	LD50 Oral	Rat	18300 mg/kg
	LD50 Oral	Rat	1700 mg/kg

### Product AT USE DILUTION

Product is sold ready to use.

## Section 11. Toxicological information

tetrasodium salt

### Chronic toxicity

- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological information

Product AS SOLD

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
Not available.			

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

- Product AS SOLD**
- Disposal methods** : Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
  - RCRA classification** : Unused product is D001 (Ignitable)

**Product AT USE DILUTION**  
Product is sold ready to use.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### DOT

**DOT Classification** : Not regulated.

### IMO/IMDG

**IMO/IMDG Classification** : Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

**Product AT USE DILUTION**  
Not intended for transport.

## Section 15. Regulatory information

Product AS SOLD

### U.S. Federal regulations

- TSCA 8(b) inventory** : All components are listed or exempted.
- SARA 302/304/311/312 extremely hazardous substances**: No listed substance
- SARA 302/304 emergency planning and notification**: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
<b>Form R - Reporting requirements</b>	: No listed substance		

- California Prop. 65** : No listed substance

**Section 16. Other information**

Product AS SOLD

Hazardous Material :  
Information System (U.S.A.)

Health	1
Flammability	2
Physical hazards	0

National Fire Protection :  
Association (U.S.A.)



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Prepared by : Regulatory Affairs  
1-800-352-5326

**Notice to reader**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.