SAFETY DATA SHEET



MEDICATED FOAM HAND SOAP

Section 1. Chemical product and company identification

Product name Recommended use and restrictions	 MEDICATED FOAM HAND SOAP 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

	Product AS SOLD Product AT USE DILUTION
GHS Classification	: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B Product is sold ready to use.
GHS label elements	
Signal word	: Warning
Hazard statements	: Causes eye irritation.
Precautionary statem	nents
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.

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

Product is sold ready to use.

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: 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.
Skin contact	: Get medical attention if symptoms appear.	
Inhalation	: No special measures required. Treat symptomatically.	
Ingestion	: Get medical attention if symptoms occur.	
Protection of first- aiders	: 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.	

Notes to physician : 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.

See toxicological information (section 11)

Section 5. Fire-fighting measures

Draduat AC COLD

Product AS SOLD	
Suitable fire extinguishing media	: Use water spray, fog or foam.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
Specific fire-fighting methods	 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.
Special protective equipment for fire-fighters	 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
Personal precautions	: No special measures required.	Product is sold ready to use.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
Methods for cleaning up	: Absorb with an inert material. Use a water rinse for final clean-up.	

Concentration Range (%)

CAS number

Section 7. Handling and storage

Handling Storage

Product AS SOLDWash hands after handling.

- 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		ACGIH TLV (United States, 3/2012). STEL: 1000 ppm 15 minutes. OSHA PEL (United States, 6/2010). TWA: 1900 mg/m ³ 8 hours. TWA: 1000 ppm 8 hours. NIOSH REL (United States, 6/2009). TWA: 1000 ppm 10 hours. TWA: 1900 mg/m ³ 10 hours. OSHA PEL (United States, 6/2010). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust ACGIH TLV (United States, 3/2012). TWA: 10 mg/m ³ 8 hours.	
Appropriate engineering controls	Product AS SOLD: No special ventilation requirements.	Product AT USE DILUTION Product is sold ready to use.	
Personal protection	. No aposial protoction is required		
Eye protection Hand protection	 No special protection is required. 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.		

Section 9. Physical and chemical properties

	Product AS SOLD
Physical state	: Liquid.
Color	: Green
Odor	: Sweetish
рН	: 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: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Odor threshold	: Not available.
Viscosity	: Kinematic (room temperature): 0 cm ² /s (0 cSt)

Section 10. Stability and reactivity

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

Section 11. Toxicological information

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

: Skin contact, Eye contact, Inhalation, Ingestion	
Product AS SOLD Product AT USE DILUTION	
: Adverse symptoms may include the following: irritation watering redness Product is sold ready to use.	
: No specific data.	
: No specific data.	
: No specific data.	
: Causes eye irritation.	
: No known significant effects or critical hazards.	
: No known significant effects or critical hazards.	
: No known significant effects or critical hazards.	
name	
LC50 Inhalation Rat 117 mg/l Vapor	
LD50 Dermal Rabbit 15800 mg/kg	
LD50 Oral Rat 10470 mg/kg	
LC50 Inhalation Rat >2.75 mg/l Dusts and mists	
LD50 Dermal Rabbit 23000 mg/kg	
LD50 Oral Rat 18300 mg/kg	
dinitrilo)tetra-, LD50 Oral Rat 1700 mg/kg	

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

Section 13. Disposal considerations				
Other adverse effects : No known significant effects or critical hazards.				
Product/ingredient name Not available.	Result	Species	Exposure	
Aquatic and terrestrial toxic	itv			
Ecotoxicity	: No known significant effects or critic	al hazards.		
Product AS SOLD				

	Product AS SOLD	Product AT USE DILUTION
Disposal methods	: Diluted product can be flushed to sanitary sewer. Discard empty container in trash.	Product is sold ready to use.
RCRA classification	: Unused product is D001 (Ignitable)	

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

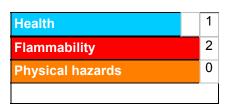
SARA 302/304 emergency planning and notification: No listed substance

<u>SARA 313</u>	Product name	CAS number	Concentration
Form R - Reporting requirements	: No listed substance		
<u>California Prop. 65</u>	: No listed substance		

Section 16. Other information

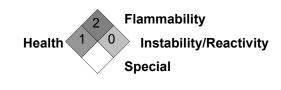
Product AS SOLD Hazardous Material

Information System (U.S.A.)



3

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



:

Date of issue	:11 Dec 2013
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.