

# SAFETY DATA SHEET



GENTLE ANTIBACTERIAL FOAM HAND SOAP

## Section 1. Chemical product and company identification

**Product name** : GENTLE ANTIBACTERIAL FOAM HAND SOAP

**Recommended use and restrictions** : Skin Cleaner

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** : 901412-03

**Date of issue** : 25 Sep 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**

### Section 3. Composition/information on ingredients

|                         |        |            |
|-------------------------|--------|------------|
| CHLOROXYLENOL           | 1.0    | 88-04-0    |
| UREA                    | 5 - 20 | 57-13-6    |
| POTASSIUM COCOATE       | 1 - 5  | 61789-30-8 |
| TETRASODIUM EDTA        | 1 - 5  | 64-02-8    |
| ALCOHOL                 | 1 - 5  | 64-17-5    |
| GLYCERIN                | 1 - 5  | 56-81-5    |
| SODIUM XYLENE SULFONATE | 1 - 5  | 1300-72-7  |

#### Product AT USE DILUTION

##### Hazardous ingredients

##### Concentration Range (%)

##### CAS number

Product is sold ready to use.

### Section 4. First aid measures

#### Product AS SOLD

- 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.
- 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)

#### Product AT USE DILUTION

Product is sold ready to use.

### Section 5. Fire-fighting measures

#### 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  
sulfur oxides  
halogenated compounds  
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

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
|                                  | <b>Product AS SOLD</b>                                                                           |
| <b>Personal precautions</b>      | : No special measures required.                                                                  |
| <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.                           |

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

## Section 7. Handling and storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
|                 | <b>Product AS SOLD</b>                                          |
| <b>Handling</b> | : Wash hands after handling.                                    |
| <b>Storage</b>  | : Keep out of reach of children. Keep container tightly closed. |
|                 | Store between the following temperatures: 5 and 50°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><br>STEL: 1000 ppm 15 minutes.                                                                                        |
|                 | <b>OSHA PEL (United States, 6/2010).</b><br>TWA: 1900 mg/m <sup>3</sup> 8 hours.<br>TWA: 1000 ppm 8 hours.                                                     |
|                 | <b>NIOSH REL (United States, 6/2009).</b><br>TWA: 1000 ppm 10 hours.<br>TWA: 1900 mg/m <sup>3</sup> 10 hours.                                                  |
| GLYCERIN        | <b>OSHA PEL (United States, 6/2010).</b><br>TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction<br>TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust |
|                 | <b>ACGIH TLV (United States, 3/2012).</b><br>TWA: 10 mg/m <sup>3</sup> 8 hours.                                                                                |

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
|                                         | <b>Product AS SOLD</b>                 |
| <b>Appropriate engineering controls</b> | : No special ventilation requirements. |
| <b>Personal protection</b>              |                                        |
| <b>Eye protection</b>                   | : No special protection is required.   |
| <b>Hand protection</b>                  | : No special protection is required.   |
| <b>Skin protection</b>                  | : No special protection is required.   |
| <b>Respiratory protection</b>           | : No special protection is required.   |
| <b>Hygiene measures</b>                 | : 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 [Dark]      |
| Odor                                   | : citrus            |
| pH                                     | : 9.4 (100%)        |
| Flash point                            | : > 100°C           |
| Explosion limits                       | : Not available.    |
| Flammability (solid, gas)              | : Not available.    |
| Melting point                          | : Not available.    |
| Boiling point                          | : Not available.    |
| Evaporation rate (butyl acetate = 1)   | : Not available.    |
| Vapor pressure                         | : Not available.    |
| Vapor density                          | : Not available.    |
| Relative density                       | : 1.067 (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                              | : Not available.    |

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

## 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                 | : Slightly reactive or incompatible with the following materials: acids.                               |
| 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

### Product AS SOLD

#### Symptoms

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Eye contact  | : Adverse symptoms may include the following:<br>irritation<br>watering<br>redness |
| Skin contact | : No specific data.                                                                |
| Inhalation   | : No specific data.                                                                |
| Ingestion    | : No specific data.                                                                |

#### Acute toxicity

### Product AT USE DILUTION

Product is sold ready to use.

## Section 11. Toxicological information

**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

|                                                             |                                    |        |             |
|-------------------------------------------------------------|------------------------------------|--------|-------------|
| urea                                                        | LC50 Inhalation<br>Dusts and mists | Rat    | >2.71 mg/l  |
|                                                             | LD50 Dermal                        | Rat    | 8200 mg/kg  |
|                                                             | LD50 Oral                          | Rat    | 8471 mg/kg  |
| acetic acid, (ethylenedinitrilo)tetra-,<br>tetrasodium salt | LD50 Oral                          | Rat    | 1700 mg/kg  |
| ethanol                                                     | LC50 Inhalation<br>Vapor           | Rat    | 117 mg/l    |
|                                                             | LD50 Dermal                        | Rabbit | 15800 mg/kg |
|                                                             | LD50 Oral                          | Rat    | 10470 mg/kg |
| glycerin                                                    | LC50 Inhalation<br>Dusts and mists | Rat    | >2.75 mg/l  |
|                                                             | LD50 Dermal                        | Rabbit | 23000 mg/kg |
|                                                             | LD50 Oral                          | Rat    | 18300 mg/kg |
| 4-chloro-3,5-dimethylphenol                                 | LC50 Inhalation<br>Dusts and mists | Rat    | >6.29 mg/l  |
|                                                             | LD50 Dermal                        | Rat    | >2000 mg/kg |
|                                                             | LD50 Oral                          | Rat    | 3830 mg/kg  |
|                                                             | LD50 Oral                          | Rat    | >2000 mg/kg |
| Benzenesulfonic acid, dimethyl-, sodium salt<br>(1:1)       | LC50 Inhalation<br>Dusts and mists | Rat    | >6.2 mg/l   |
|                                                             | LD50 Dermal                        | Rabbit | >2000 mg/kg |
|                                                             | LD50 Oral                          | Rat    | >7000 mg/kg |

### 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** : This material is harmful to aquatic life with long lasting effects.

### Aquatic and terrestrial toxicity

| Product/ingredient name                                     | Result                             | Species                          | Exposure |
|-------------------------------------------------------------|------------------------------------|----------------------------------|----------|
| urea                                                        | Acute LC50 127.9 mg/l              | Fish                             | 96 hours |
| acetic acid, (ethylenedinitrilo)tetra-, tetrasodium<br>salt | Acute LC50 121 mg/l                | Fish                             | 96 hours |
| ethanol                                                     | Acute LC50 11000 mg/l              | Fish                             | 96 hours |
| glycerin                                                    | Acute LC50 855 mg/l                | Fish                             | 96 hours |
| 4-chloro-3,5-dimethylphenol                                 | Acute EC50 7.7 ppm Fresh<br>water  | Daphnia -<br>Daphnia magna       | 48 hours |
|                                                             | Acute LC50 1.04 mg/l               | Fish                             | 96 hours |
|                                                             | Acute LC50 0.36 ppm Fresh<br>water | Fish -<br>Oncorhynchus<br>mykiss | 96 hours |
| Benzenesulfonic acid, dimethyl-, sodium salt (1:<br>1)      | Acute EC50 230 mg/l                | Aquatic plants                   | 96 hours |

## Section 12. Ecological information

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

## Section 13. Disposal considerations

**Disposal methods** : Diluted product can be flushed to sanitary sewer.  
Discard empty container in trash.

### 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

#### SARA 313

#### Product name

#### CAS number

#### Concentration

Form R - Reporting requirements : 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     |   | 0 |
| Physical hazards |   | 0 |
|                  |   |   |

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

## Section 16. Other information



Date of issue : 25 Sep 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.