

Material Safety Data Sheet

MEDI-SCRUB



1. Product and company identification

Trade name of product : MEDI-SCRUB
Product use : Hand disinfectant

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Healthcare Division
370 N. Wabasha St.
St. Paul, MN 55102
1-866-781-8787

Code : 920884

Date of issue : 06-May-2010

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

Product AS SOLD
Physical state : Liquid.
Emergency overview : CAUTION!
May cause mild eye irritation.
Avoid contact with eyes.

Product AT USE DILUTION
Product is sold ready to use.

Potential acute health effects

Product AS SOLD
Eyes : May cause mild eye irritation.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION
Product is sold ready to use.

See toxicological information (section 11)

3. Composition/information on ingredients

Product AS SOLD

| <u>Name</u> | <u>CAS number</u> | <u>% by weight</u> |
|--------------------|-------------------|--------------------|
| GLYCOL STEARATE | 111-60-4 | 1 - 5 |
| POTASSIUM STEARATE | 593-29-3 | 1 - 5 |
| GLYCERIN | 56-81-5 | 1 - 5 |

Product AT USE DILUTION

| <u>Name</u> | <u>CAS number</u> | <u>% by weight</u> |
|-------------------------------|-------------------|--------------------|
| Product is sold ready to use. | | |

4. First aid measures

Product AS SOLD
Eye contact : 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.

Product AT USE DILUTION
Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : Decomposition products may include the following materials:
 carbon dioxide
 carbon monoxide
 metal oxide/oxides

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

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.

6. Accidental release measures

Product AS SOLD

Personal precautions : No special measures required.

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.

Product AT USE DILUTION
 Product is sold ready to use.

7. Handling and storage

Product AS SOLD

Handling : Wash hands after handling.

Storage : Keep out of reach of children. Store in a closed container.
 Do not store above the following temperature: 30°C

Product AT USE DILUTION
 Product is sold ready to use.

8. Exposure controls/personal protection

Product AS SOLD

Engineering measures : No special ventilation requirements.

Personal protection

Eyes : No special protection is required.

Hands : No special protection is required.

Skin : No special protection is required.

Respiratory : No special protection is required.

Product AT USE DILUTION
 Product is sold ready to use.

Product is sold ready to use.

| Ingredient | Exposure limits |
|--------------------|--|
| GLYCOL STEARATE | ACGIH TLV (United States, 1/2009). TWA: 10 mg/m ³ 8 hour(s). Form: Total particulate mass |
| POTASSIUM STEARATE | ACGIH TLV (United States, 1/2009). TWA: 10 mg/m ³ 8 hour(s). Form: Total particulate mass |
| GLYCERIN | ACGIH TLV (United States, 1/2009). TWA: 10 mg/m ³ 8 hour(s). Form: Mist |
| | OSHA PEL (United States, 11/2006). TWA: 5 mg/m ³ 8 hour(s). Form: Respirable fraction |
| | TWA: 15 mg/m ³ 8 hour(s). Form: Total dust |

9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.
Flash point : > 100°C
Color : pink
Odor : Floral.
pH : 8.4 to 9.2 [Conc. (% w/w): 100%]
Relative density : 1.01 to 1.03

Product AT USE DILUTION
 Product is sold ready to use.

10. Stability and reactivity

Product AS SOLD

Stability : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

Reactivity : 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.

Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Potential acute health effects

Product AS SOLD

Eyes : May cause mild eye irritation.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION
 Product is sold ready to use.

Product AS SOLD

Other adverse effects

Target organs : There is no known chronic effect after exposure to this product.

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

Waste disposal : Diluted product can be flushed to sanitary sewer.
 Discard empty container in trash.

Product AT USE DILUTION
 Product is sold ready to use.

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.

Product AS SOLD

IMO/IMDG Classification : Not regulated.

See shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD

HCS Classification : Irritating material

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

Product AT USE DILUTION

Product is sold ready to use.

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.) :



Date of issue : 06-May-2010
 Date of previous issue : No previous validation
 Responsible name : Regulatory Affairs
 1-800-352-5326

☑ Indicates information that has changed from previously issued version.

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.