



Ecolab Center
370 Wabasha Street N.
St. Paul, Minnesota 55102

6/22/2006

Supplier's information		020116950-K C D A
Products:	MEDI-SCRUB	61048532

50315

Dear Customer:

Enclosed are new and revised Material Safety Data Sheets (MSDS) for the above listed products which you ordered recently from Ecolab Inc.

Our safety documents are updated as often as new data is available. Please replace the old versions with the most recent MSDSs enclosed.

If you distribute an Ecolab Inc. product to another place, you may be required to provide a copy of the MSDS to that location.

SAFETY REMINDER

- * Use products ONLY for recommended uses.
- * NEVER transfer product to unlabeled containers.
- * NEVER take product home – workplace use only.

If you are not directly responsible for the use of the MSDSs or the information they contain, we ask that you forward them to the appropriate person(s) in your organization. If you require further information regarding these MSDSs, please call:

Customer Service: 1-800-352-5326

Please note that as of December 2004, we are converting our MSDSs to the ANSI 16-section format. In the interim, you may receive two styles of MSDSs for different products. These will be the most current for each product. The MSDSs will be mailed separately so you may also receive two envelopes of MSDSs for a single order. Thank you for your patience as we move through this process.

Ecolab Inc.

WA

K C D A
DOORS 19-24
18639 80TH AVE S

KENT

98032-1003

Material Safety Data Sheet

ECOLAB

MEDI-SCRUB

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Section 1. Chemical product and company identification

Trade name : MEDI-SCRUB
Product use : Hand disinfectant
Supplier : Ecolab Inc. Healthcare Division
370 N. Wabasha St.
St. Paul, MN 55102
1-800-332-6522
Code : 920884
Date of issue : 11-May-2006

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

Section 2. Composition, information on ingredients

Name	CAS number	% by weight
octadecanoic acid, 2-hydroxyethyl ester	111-60-4	1 - 5
octadecanoic acid, potassium salt	593-29-3	1 - 5
glycerin	56-81-5	1 - 5

Section 3. Hazards identification

Physical state : Liquid. (Liquid.)
Emergency overview : CAUTION!

MAY CAUSE EYE IRRITATION.
Avoid contact with eyes.

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact : Get medical attention if symptoms appear. Wash clothing before reuse.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire fighting measures

Flash point : > 100°C
Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Dike liquid for later disposal.

No specific hazard.

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.

MEDI-SCRUB

Section 6. Accidental release measures

Personal precautions : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.
Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

Handling : Avoid contact with eyes.
Storage : Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.
Do not store above 50°C

Section 8. Exposure controls, personal protection

Engineering controls : Good general ventilation should be sufficient to control airborne levels.

Personal protection

Eyes : No protective equipment is needed under normal use conditions.
Hands : No protective equipment is needed under normal use conditions.
Skin : No protective equipment is needed under normal use conditions.
Respiratory : No protective equipment is needed under normal use conditions.

Exposure limits

octadecanoic acid, 2-hydroxyethyl ester
ACGIH TLV (United States, 1/2005).
TWA: 10 mg/m³ 8 hour/hours. Form: All forms
octadecanoic acid, potassium salt
ACGIH TLV (United States, 1/2005).
TWA: 10 mg/m³ 8 hour/hours. Form: All forms
glycerin
ACGIH TLV (United States, 1/2005).
TWA: 10 mg/m³ 8 hour/hours. Form: Mist
OSHA PEL (United States, 8/1997).
TWA: 5 mg/m³ 8 hour/hours. Form: Respirable fraction
TWA: 15 mg/m³ 8 hour/hours. Form: Total dust

Section 9. Physical and chemical properties

Physical state : Liquid. (Liquid.)
Color : pink
Odor : Floral.
pH : 8.8 (100%)
Specific gravity : 1.02 (Water = 1)

Section 10. Stability and reactivity

Stability : The product is stable.
Reactivity : Slightly reactive to reactive with acids.

Section 11. Toxicological information

Potential acute health effects

Eyes : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects on humans : There is no known chronic effect after exposure to this product.

Section 12. Ecological information
 Products of degradation : These products are carbon oxides (CO, CO₂) and water. Some metallic oxides.

Section 13. Disposal considerations
 Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
 Consult your local or regional authorities.

Section 14. Transport information

UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.			

Section 15. Regulatory information
 APPLIES ONLY DURING ROAD TRANSPORT
 Any variation of the shipping description based on the packaging is not addressed.

Section 16. Other information
 Hazardous Material Information System (U.S.A.) :
 HCS Classification : Not regulated.
 U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were found.
 TSCA 8(b) Inventory : All materials are listed or exempt.
 California Prop. 65 : No products were found.

Health	1
Fire hazard	0
Reactivity	0
Personal protection	

Date of issue : 11-May-2006.
 Responsible name : Regulatory Affairs
 Date of previous issue : No previous validation.
 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.