Material Safety Data Sheet



ENDURE 300 CIDA RINSE GEL ANTIMICROBIAL HAND RINSE

Section 1. Chemical product and company identification

Trade name : ENDURE 300 CIDA RINSE GEL ANTIMICROBIAL HAND RINSE

Product use : Skin antiseptic

Supplier : Ecolab Inc. Healthcare Division

370 N. Wabasha St. St. Paul, MN 55102 1-800-332-6522

Code : 903709

Date of issue 16-October-2008

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

 ethanol
 64-17-5
 >50

 propan-2-ol
 67-63-0
 1 - 5

Section 3. Hazards identification

Physical state : Liquid. [Gel]
Emergency : WARNING!
overview FLAMMABLE.

May cause mild eye irritation.

Avoid contact with eyes. Keep away from heat, sparks and flame. Use only with adequate

ventilation. Keep container closed.

Potential acute health effects

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.

See toxicological information (section 11)

Section 4. First aid measures

Eye contact: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and

flush again. Get medical attention if irritation persists.

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 : 23.8889 °C (Closed cup)

Hazardous thermal : Decomposition products may include the following materials:

carbon dioxide carbon monoxide

Fire-fighting media and

decomposition products

instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

Flammable material

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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

Personal precautions

: No special measures required.

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and

sewers

Methods for cleaning up : 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.

Section 7. Handling and storage

Handling

: Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Wash hands

after handling.

Storage

: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or

flame).

Do not store above the following temperature: 30°C

Section 8. Exposure controls/personal protection

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.

<u>Name</u>

Exposure limits

ethanol

ACGIH TLV (United States, 1/2008).

TWA: 1880 mg/m³ 8 hour(s). TWA: 1000 ppm 8 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 1900 mg/m³ 8 hour(s). TWA: 1000 ppm 8 hour(s).

propan-2-ol

ACGIH TLV (United States, 1/2008).

STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 980 mg/m³ 8 hour(s). TWA: 400 ppm 8 hour(s).

Section 9. Physical and chemical properties

Physical state : Liquid. [Gel]
Color : Clear.
Odor : Alcohol-like.

pH : 6.6 to 7.5 [Conc. (% w/w): 100%]

Relative density : 0.84 to 0.844

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Section 10. Stability and reactivity

Stability : The product is stable. Under normal conditions of storage and use, hazardous

polymerization will not occur.

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.

Section 11. Toxicological information

Potential acute health effects

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.

Potential chronic health effects

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

Section 12. Ecological information

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.

Waste : Unused product is D001 (Ignitable)

classification

Consult your local or regional authorities.

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.

UN Classification

UN number UN1170

Proper shipping name ETHANOL SOLUTION

Class 3
Packing group II

See shipping documents for specific transportation information.

Section 15. Regulatory information

HCS Classification : Flammable liquid

U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were

found.

SARA 302/304 emergency planning and notification: No products were

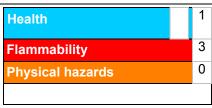
found.

TSCA 8(b) inventory : All components are listed or exempted.

California Prop. 65 : No products were found.

Section 16. Other information

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



Date of issue : 16-October-2008.

Responsible name : Regulatory Affairs

Date of previous issue : 22-February-2005.

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.