

Material Safety Data Sheet

ECOLAB®

ENDURE 50

1. Product and company identification

Trade name of product : ENDURE 50

Product use : Skin Cleaner

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 : 901893-02

Date of Issue : 28-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 EYE IRRITATION.

Avoid contact with eyes.

Potential acute health effects

Product AS SOLD

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)

Product AT USE DILUTION

Product is sold ready to use.

Product AT USE DILUTION

Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

Name
CAS number
% by weight

ALCOHOL

64-17-5

1 - 5

POTASSIUM STEARATE

593-29-3

1 - 5

Product AT USE DILUTION

Name
CAS number
% by weight

Product is sold ready to use.

4. First aid measures

Product AS SOLD

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.

Product AT USE DILUTION

Product is sold ready to use.

I-733229 C-6087925

4. First aid measures

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

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

: Use suitable protective equipment (section 8). 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. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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 for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Product AT USE DILUTION

Product is sold ready to use.

7. Handling and storage

Product AS SOLD

Handling

: Avoid contact with eyes. Wash thoroughly after handling.

Storage

: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.

Do not store below the following temperature: 0°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 protective equipment is needed under normal use conditions.

Hands

: No protective equipment is needed under normal use conditions.

Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

8. Exposure controls/personal protection

- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.

Ingredient	Exposure limits
ALCOHOL	ACGIH TLV (United States, 1/2009). STEL: 1000 ppm 15 minute(s). OSHA PEL (United States, 11/2006). TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
POTASSIUM STEARATE	ACGIH TLV (United States, 1/2009). TWA: 10 mg/m ³ 8 hour(s). Form: Total particulate mass

9. Physical and chemical properties

- Product AS SOLD**
- Physical state** : Liquid.
- Flash point** : > 100°C
- Color** : pink
- Odor** : Sweetish.
- pH** : 8.9 [Conc. (% w/w): 100%]
- Relative density** : 1.007 to 1.013

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.
- 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** : 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.

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 : 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.

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

: Not regulated.

Classification

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.)

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16. Other information



Date of Issue : 28-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.