Material Safety Data Sheet



ADVANCED GEL HAND SANITIZER

1. Product and company identification

Trade name of product : ADVANCED GEL HAND SANITIZER

Product use : Skin antiseptic

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 : 900793-02

Date of issue : 10-October-2012

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 : Gel

Emergency overview

: WARNING!

FLAMMABLE.

May cause mild eye irritation.

Avoid contact with eyes. Keep away from heat, sparks and flame. Keep container tightly closed. Use only

with adequate ventilation.

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.

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 % by weight

ALCOHOL 64-17-5 >50

Product AT USE DILUTION

Name CAS number % by weight

Product is sold ready to use.

First aid measures 4.

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

Fire-fighting media and

instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

Flammable material

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

Environmental

: No special measures required.

: Avoid contact of large amounts of spilled material and

runoff with soil and surface waterways.

precautions Methods for

: Absorb with an inert material. Use a water rinse for

cleaning up final clean-up. **Product AT USE DILUTION**

Product is sold ready to use.

7. Handling and storage

Product AS SOLD

Handling : Keep away from heat, sparks and flame. To avoid

fire, eliminate ignition sources. Wash hands after

handling.

: Keep out of reach of children. Keep container in a **Storage**

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

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.

8. Exposure controls/personal protection

Ingredient	Exposure limits
ALCOHOL	ACGIH TLV (United States, 2/2010). STEL: 1000 ppm 15 minute(s). OSHA PEL (United States, 6/2010). TWA: 1900 mg/m³ 8 hour(s). TWA: 1000 ppm 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 1000 ppm 10 hour(s). TWA: 1900 mg/m³ 10 hour(s).

9. Physical and chemical properties

Product AS SOLD

Physical state : Gel

Flash point : 23 °C (Closed cup)

Color : White
Odor : Alcohol-like

pH : 6.3 to 8.5 [Conc. (% w/w): 100%]

Relative density: 0.869 to 0.873

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: May cause mild eye irritation.

Skin
Inhalation
Ingestion
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

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 : Avoid disposal. Attempt to use product completely in

accordance with intended use. Disposal should be in accordance with applicable regional, national and local

laws and regulations.

RCRA: Unused product is D001 (Ignitable)

classification

Product AT USE DILUTION

Product AT USE DILUTION

Product is sold ready to use.

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

<u>DOT</u>

DOT Classification UN1170

DOT Proper shipping name Ethanol solutions

Class 3
Packing group III

IMO/IMDG

IMO/IMDG Classification UN1170

IMO/IMDG Proper shipping name ETHANOL SOLUTION

Class 3
Packing group III

For transport in bulk, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD

HCS: Flammable liquid

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

Product AT USE DILUTION

Product is sold ready to use.

Form R - Reporting

requirements

: No listed substance

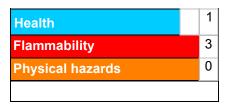
<u>California Prop. 65</u> : No listed substance

16. Other information

Product AS SOLD

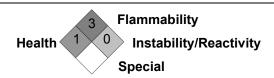
Hazardous Material

Information System (U.S.A.)



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

16. Other information



Date of issue : 10-October-2012
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.