

# Material Safety Data Sheet

GEL HAND SANITIZER

**ECOLAB**

GEL HAND SANITIZER

3 October 2012

## 1. Product and company identification

Trade name of product : 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 : 903709-10

Date of issue : 03-October-2012

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

## 2. Hazards identification

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)

## 3. Composition/information on ingredients

Product AS SOLD

Name

ALCOHOL

ISOPROPYL ALCOHOL

CAS number

64-17-5

67-63-0

% by weight

>50

1 - 5

Product AT USE DILUTION

Name

Product is sold ready to use.

CAS number

% by weight

## 4. First aid measures

Product AS SOLD

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.

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 : 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 : 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. Store in a closed container. 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

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.

Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

**8. Exposure controls/personal protection**

Respiratory : No special protection is required.

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/m <sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 1000 ppm 10 hour(s). TWA: 1900 mg/m <sup>3</sup> 10 hour(s).
ISOPROPYL ALCOHOL	ACGIH TLV (United States, 2/2010). STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s). OSHA PEL (United States, 6/2010). TWA: 980 mg/m <sup>3</sup> 8 hour(s). TWA: 400 ppm 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 400 ppm 10 hour(s). TWA: 980 mg/m <sup>3</sup> 10 hour(s). STEL: 500 ppm 15 minute(s). STEL: 1225 mg/m <sup>3</sup> 15 minute(s).

**9. Physical and chemical properties**

Product AS SOLD

Physical state : Gel

Flash point : 24 °C (Closed cup)

Color : Clear

Odor : Alcohol-like

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

Relative density : 0.84 to 0.844

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** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : 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.

Product AT USE DILUTION

Product is sold ready to use.

**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 classification** : Unused product is D001 (Ignitable)

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****DOT**

**DOT Classification** UN1170

**DOT Proper shipping name** Ethanol solutions

**Class** 3

**Packing group** III

**IMO/MDG**

**IMO/MDG Classification** UN1170

**IMO/MDG 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**

**Form R - Reporting requirements** : No listed substance

**California Prop. 65****Product name****CAS number Concentration****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	3
Physical Hazards	0

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

Health	1	0	Flammability
			Instability/Reactivity
			Special

Date of issue : 03-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.