

# Material Safety Data Sheet



GEL HAND SANITIZER

## 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

**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.

**Product AT USE DILUTION**

Product is sold ready to use.

### 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.

## 3. Composition/information on ingredients

**Product AS SOLD**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
ALCOHOL	64-17-5	>50
ISOPROPYL ALCOHOL	67-63-0	1 - 5

**Product AT USE DILUTION**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

## 4. First aid measures

	<b>Product AS SOLD</b>
<b>Eye contact</b>	: 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.
<b>Skin contact</b>	: Get medical attention if symptoms appear.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 5. Fire-fighting measures

### Product AS SOLD

<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Fire-fighting media and instructions</b>	: Use an extinguishing agent suitable for the surrounding fire.  Dike area of fire to prevent runoff. Flammable material
<b>Special protective equipment for fire-fighters</b>	: 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

	<b>Product AS SOLD</b>
<b>Personal precautions</b>	: No special measures required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: 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

	<b>Product AS SOLD</b>
<b>Handling</b>	: Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Wash hands after handling.
<b>Storage</b>	: 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

	<b>Product AS SOLD</b>
<b>Engineering measures</b>	: No special ventilation requirements.
<b>Personal protection</b>	
<b>Eyes</b>	: No special protection is required.
<b>Hands</b>	: No special protection is required.
<b>Skin</b>	: 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	<b>ACGIH TLV (United States, 2/2010).</b> STEL: 1000 ppm 15 minute(s). <b>OSHA PEL (United States, 6/2010).</b> TWA: 1900 mg/m <sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s). <b>NIOSH REL (United States, 6/2009).</b> TWA: 1000 ppm 10 hour(s). TWA: 1900 mg/m <sup>3</sup> 10 hour(s).
ISOPROPYL ALCOHOL	<b>ACGIH TLV (United States, 2/2010).</b> STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s). <b>OSHA PEL (United States, 6/2010).</b> TWA: 980 mg/m <sup>3</sup> 8 hour(s). TWA: 400 ppm 8 hour(s). <b>NIOSH REL (United States, 6/2009).</b> 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 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** : 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/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 Classification** : Flammable liquid

### 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

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
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**Form R - Reporting requirements** : No listed substance

**California Prop. 65** : No listed substance

### Product AT USE DILUTION

Product is sold ready to use.

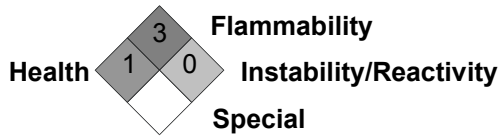
## 16. Other information

Product AS SOLD

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

Health	1
Flammability	3
Physical hazards	0

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



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.**