

# SAFETY DATA SHEET



## EXPRESS GEL HAND SANITIZER

### Section 1. Chemical product and company identification

**Product name** : EXPRESS GEL HAND SANITIZER  
**Recommended use and restrictions** : Skin Cleaner  
Use only for the purpose on the product label.

**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** : 915392

**Date of issue** : 09 Oct 2013

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

### Section 2. Hazards identification

**GHS Classification** : **Product AS SOLD**  
FLAMMABLE LIQUIDS - Category 3  
SERIOUS EYE DAMAGE/ EYE IRRITATION -  
Category 2B

#### GHS label elements

**Signal word** : Warning

**Symbol** :



**Hazard statements** : Flammable liquid and vapor.  
Causes eye irritation.

#### Precautionary statements

**Prevention** : Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Keep container tightly closed. No special protection is required.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Store in a well-ventilated place. Keep cool.

**Disposal** : See section 13 for waste disposal information.

**Other hazards** : None known.

#### **Product AT USE DILUTION**

Product is sold ready to use.

### Section 3. Composition/information on ingredients

Substance/mixture : Mixture

#### Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
ALCOHOL	>50	64-17-5

#### Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
Product is sold ready to use.		

### Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse with water for a few minutes.	Product is sold ready to use.
<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.	
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
<b>Notes to physician</b>	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	

See toxicological information (section 11)

### Section 5. Fire-fighting measures

#### Product AS SOLD

<b>Suitable fire extinguishing media</b>	: Use water spray, fog or foam.
<b>Specific hazards arising from the chemical</b>	: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Specific fire-fighting methods</b>	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
<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.

## Section 6. Accidental release measures

	<b>Product AS SOLD</b>
<b>Personal precautions</b>	: Eliminate all ignition sources. 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.

## Section 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 tightly closed. Keep container tightly closed and sealed until ready for use. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition (spark or flame). Store in a segregated and approved area.  Do not store above the following temperature: 50°C

### Product AT USE DILUTION

Product is sold ready to use.

## Section 8. Exposure controls/personal protection

### Control parameters

Ingredient name	Exposure limits
ALCOHOL	<b>ACGIH TLV (United States, 3/2012).</b> STEL: 1000 ppm 15 minutes. <b>OSHA PEL (United States, 6/2010).</b> TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 1000 ppm 8 hours. <b>NIOSH REL (United States, 6/2009).</b> TWA: 1000 ppm 10 hours. TWA: 1900 mg/m <sup>3</sup> 10 hours.

	<b>Product AS SOLD</b>
<b>Appropriate engineering controls</b>	: No special ventilation requirements.
<b>Personal protection</b>	
<b>Eye protection</b>	: No special protection is required.
<b>Hand protection</b>	: No special protection is required.
<b>Skin protection</b>	: No special protection is required.
<b>Respiratory protection</b>	: No special protection is required.
<b>Hygiene measures</b>	: No special measures required.

### Product AT USE DILUTION

Product is sold ready to use.

## Section 9. Physical and chemical properties

	Product AS SOLD
Physical state	: Gel
Color	: Colorless
Odor	: Fragrance-like
pH	: 6.5 to 7.5 (100%)
Flash point	: 24 °C (Closed cup)
Explosion limits	: Not available.
Flammability (solid, gas)	: Not available.
Melting point	: Not available.
Boiling point	: >35°C (>95°F)
Evaporation rate (butyl acetate = 1)	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.852 to 0.858 (Water = 1)
Solubility	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Odor threshold	: Not available.
Viscosity	: Dynamic (room temperature): 6000 mPa·s (6000 cP)

### Product AT USE DILUTION

Product is sold ready to use.

## Section 10. Stability and reactivity

### Product AS SOLD

Stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Materials to avoid	: Not available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

### Product AS SOLD

#### Symptoms

Eye contact	: Adverse symptoms may include the following: irritation watering redness
Skin contact	: No specific data.
Inhalation	: No specific data.
Ingestion	: No specific data.

#### Acute toxicity

### Product AT USE DILUTION

Product is sold ready to use.

## Section 11. Toxicological information

**Eye contact** : Causes eye irritation.  
**Skin contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Toxicity data

#### Product/ingredient name

ethanol	LC50 Inhalation Vapor	Rat	117 mg/l
	LD50 Dermal	Rabbit	15800 mg/kg
	LD50 Oral	Rat	10470 mg/kg

### Chronic toxicity

**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological information

### Product AS SOLD

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

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
ethanol	Acute LC50 11000 mg/l	Fish	96 hours

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

### Product AS SOLD

**Disposal methods** : 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.

## 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.

### 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

## Section 14. Transport information

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

### Product AT USE DILUTION

Not intended for transport.

## Section 15. Regulatory information

Product AS SOLD

### U.S. Federal regulations

TSCA 8(b) inventory : At least one component is not listed.

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

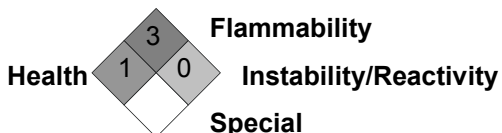
## Section 16. Other information

Product AS SOLD

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

Health	*	1
Flammability		3
Physical hazards		0

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



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 Prepared by : Regulatory Affairs  
 1-800-352-5326

### 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.