

## SECTION 1. IDENTIFICATION

**Product name**

DR. CLEAN ALPHA HAND SANITIZER (ALCOHOL 75%)

**Company:** EVESEL CO., LTD

**Address:** 27, Gongdan 1 daero 80beongil, Sigeung-si, Gyeonggi-do, Rep. Of Korea

**Telephone:** +82 31-431-8282

**Fax:** +82 31-433-6415

**Web site:** <http://www.evesel.com>

**Recommended use of the chemical and restrictions on use**

**Recommended use :** Hand Sanitizer

**Restrictions on use :** This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills.

This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction shee

## SECTION 2. HAZARDS IDENTIFICATION

**Hazard classification**

Flammable Liquid: Category 2.

Serious Eye Damage/Irritation: Category 2A.

Specific Target Organ Toxicity (single exposure): Category 3

**Label elements**

Signal word

Danger

**Symbols**



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Flame | Exclamation mark |

## Pictograms

### Hazard Statements

Highly flammable liquid and vapor.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Precautionary Statements General : Keep out of reach of children.

**Prevention:**Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear eye/face protection.

Wash thoroughly after handling.

## Response

IF INHALED : Remove person to fresh air and keep comfortable for breathing.

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 advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

In case of fire : Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**Storage:** Store in a well-ventilated place. Keep container tightly closed.

Keep cool.

Store locked up.

## Disposal:

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

## Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI	CAS # % by Weight	CAS # % by Weight
Alcohol	64-17-5	< 75.0 %
Water	7732-18-5	< 20.7 %
Butylene Glycol	25265-75-2	< 3.0 %
Carbomer	9003-01-4; 9007-20-9; 54182-57-9	< 0.5 %
Triethanolamine	102-71-6	< 0.5 %
perfume	-	< 0.1 %
Polysorbate 60	9005-67-8	< 0.1 %
DL-Panthenol	16485-10-2	< 0.1 %

Toxicological Data on Ingredients: Not applicable

## SECTION 4. FIRST AID MEASURES

### General advice :

In the case of accident or if you feel unwell, seek medical advice immediately.

When symptoms persist or in all cases of doubt seek medical advice.

### If inhaled :

If inhaled, remove to fresh air.

If symptoms persist, call a physician.

### In case of skin contact :

Wash with water and soap as a precaution.

Get medical attention if irritation develops and persists.

### In case of eye contact :

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

If easy to do, remove contact lens, if worn.

Seek medical advice.



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**If swallowed :**

If swallowed, DO NOT induce vomiting.  
Obtain medical attention.  
Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed:**

Causes serious eye irritation.

**Protection of first-aiders :**

First Aid responders should pay attention to self-protection and use the recommended protective clothing

## SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media :** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** High volume water jet

**Specific hazards during firefighting:** Do not use a solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray. Flash back possible over considerable distance. May form explosive mixtures in air. Exposure to decomposition products may be a hazard to health. Carbon oxides

**Hazardous combustion products:** Carbon oxides

**Specific extinguishing methods:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.

**Further information:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

**Specific extinguishing methods :**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedure :

Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.

Evacuate personnel to safe areas.  
Keep people away from and upwind of spill/leak. Material can create slippery conditions.

### Environmental precautions :

Discharge into the environment must be avoided.  
Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

### Methods and materials for containment and cleaning up :

Non-sparking tools should be used.  
Soak up with inert absorbent material.  
Suppress (knock down) gases/vapours/mists with a water spray jet.  
Keep in suitable, closed containers for disposal.  
Clean contaminated floors and objects thoroughly while observing environmental regulations.

## SECTION 7. HANDLING AND STORAGE

### Advice on safe handling :

For personal protection see section 8. Keep away from heat.  
Use with local exhaust ventilation. Avoid contact with eyes.

### Hygiene measures :

Handle in accordance with good industrial hygiene and safety practice.  
Avoid contact with eyes.

### Conditions for safe storage :

Take measures to prevent the build up of electrostatic charge. Keep in properly labelled containers.  
Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with the particular national regulations.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering controls :

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Use explosion-proof ventilation equipment.

Personal protective equipment (PPE)

### Eye/face protection :

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Under normal use conditions, eye exposure is not expected to be significant enough to require eye protection.

Safety Glasses with side shields

Skin/hand protection

No protective gloves required.

### Respiratory protection :

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Provide information on the following physical and chemical properties. If no information is available or if the data is not applicable, do not delete the parameter; rather, note that data is "Not available" or that the parameter is "Not applicable". See the SDS Guidance Document or Appendix B: FGD Gypsum SDS Template for more information.

Physical state : Liquid

Colour : Colourless.

Odour : characteristic.

Odour : threshold No data available

pH : 7.0

Relative evaporation rate

(butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : 78 °C

Flash point : 17.5 °C

Auto-ignition temperature : 365 °C

Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapour

Vapour pressure : 5.7 kPa

Relative vapour density at 20 °C : 1.59

Relative density : 0.89

Solubility : No data available

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Log Pow :No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : 1.2 cP  
Explosive properties :No data available

Oxidisingproperties : No data available  
Explosive limits :No data available

Viscosity, kinematic :No data available  
Viscosity, dynamic : 1.2 cP  
Explosive properties :No data available  
Oxidisingproperties : No data available

## Additional information

No additional information available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity :

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### Chemical stability :

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

### Possibility of hazardous reactions :

Hazardous polymerization will not occur.

### Conditions to avoid :

Direct sunlight. Extremely high or low temperatures. Open flame.  
Sparks and/or flames  
Incompatible materials  
Strong oxidizing agents

### Hazardous decomposition products :

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**Not classified

### Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.



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May cause additional health effects (see below).

## **Skin Contact:**

Contact with the skin during product use is not expected to result in significant irritation.

## **Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

## **Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.**

## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

### **Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

#### **Waste from residues :**

Dispose of in accordance with local regulations.

#### **Contaminated packaging :**

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.





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## SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

### Land transport (DOT)

UN number : 1170

Description of the goods : Ethanol solutions

Class : 3

Packing group : III

Environmentally hazardous : no

### Sea transport (IMDG/IMO)

UN number : 1170

Description of the goods : ETHANOL SOLUTION

Class : 3

Packing group : III

Marine pollutant : no

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 311/312 Hazards: Fire Hazard

Acute Health Hazard

**SARA 302:** SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 :** SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

#### The components of this product are reported in the following inventories:

CH INV : On the inventory, or in compliance with the inventory

TSCA : On TSCA Inventory  
 DSL : On the inventory, or in compliance with the inventory  
 AICS : On the inventory, or in compliance with the inventory  
 NZIoC : On the inventory, or in compliance with the inventory  
 ENCS : On the inventory, or in compliance with the inventory  
 ISHL : On the inventory, or in compliance with the inventory  
 KECI : On the inventory, or in compliance with the inventory  
 PICCS : On the inventory, or in compliance with the inventory  
 IECSC : On the inventory, or in compliance with the inventory  
 EINECS : On the inventory, or in compliance with the inventory

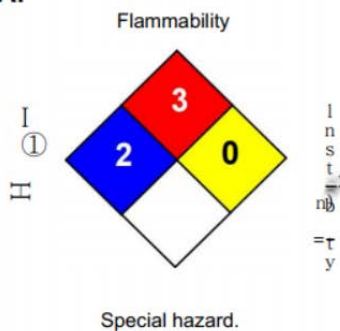
### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

#### NFPA Hazard Classification

Health:2 Flammability: 3 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address

the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include

the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.



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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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