



# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture  
Trade name : CLORALEN HAND SANITIZER  
Code: : 0682A

### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Liquid hand sanitizer  
Recommended use : Hand Sanitizer to help reduce bacteria that potentially can cause disease. For use when soap and water are not available.

### 1.3. Supplier

#### Manufacturer

ABSARA COSMETICS, S.A.P.I. DE C.V.  
Parque Industrial Doña Rosa Autopista México-Toluca Km 53.5  
Acceso Parque Industrial Doña Rosa.  
Avenida de la Industria Farmacéutica, Planta 2.  
Col. Emiliano Zapata  
C.P. 52004 Lerma, Estado de México  
T +52 55 5273 1903

### 1.4. Emergency telephone number

Emergency number : 800 424 9300 24 hrs.

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

|   |      |                                   |
|---|------|-----------------------------------|
| Flammable liquids<br>Category 3                                   | H226 | Flammable liquid and vapour       |
| Serious eye damage/eye<br>irritation Category 2                   | H319 | Causes serious eye irritation     |
| Specific target organ<br>toxicity (single exposure)<br>Category 3 | H336 | May cause drowsiness or dizziness |

Full text of H statements : see section 16

### 2.2. GHS Label elements, including precautionary statements

#### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H226 - Flammable liquid and vapour  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS US) :

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.

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P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a poison center or doctor if you feel unwell.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards which do not result in classification

No additional information available

## 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

This product is a mixture

| Ingredient                | Cas No.   | % By weight |
|---------------------------|-----------|-------------|
| Ethanol 96% v/v           | 64-17-5   | 75 – 85     |
| Hydrogen Peroxide 50% v/v | 7722-84-1 | 0.09 – 0.15 |
| Glycerin                  | 56-81-5   | 0.9 – 2.0   |

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.  
First-aid measures after eye contact : 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.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.  
Symptoms/effects after eye contact : Eye irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapour.  
Reactivity : Flammable liquid and vapour.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | : Liquid                                   |
| Appearance                                      | : Liquid.                                  |
| Color   | : Colourless                               |
| Odor  | : Alcohol odour                            |
| Odor threshold                                  | : No data available                        |
| pH  | : $\approx 6$ (5.5 – 7)                    |
| Melting point                                   | : Not applicable                           |
| Freezing point                                  | : No data available                        |
| Boiling point                                   | : No data available                        |
| Flash point                                     | : No data available                        |
| Relative evaporation rate (butyl acetate=1)     | : No data available                        |
| Flammability (solid, gas)                       | : Not applicable.                          |
| Vapor pressure                                  | : No data available                        |
| Relative vapor density at 20 °C                 | : No data available                        |
| Relative density                                | : No data available                        |
| Specific gravity / density                      | : $\approx 0.87$ (0.85 – 0.88) g/ml        |
| Solubility                                      | : Soluble in ethanol. Miscible with water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                        |
| Auto-ignition temperature                       | : No data available                        |
| Decomposition temperature                       | : No data available                        |
| Viscosity, kinematic                            | : No data available                        |
| Viscosity, dynamic                              | : No data available                        |
| Explosion limits                                | : No data available                        |
| Explosive properties                            | : No data available                        |
| Oxidizing properties                            | : No data available                        |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                           |
|-----------------------------|---------------------------|
| Acute toxicity (oral)       | : Not classified          |
| Acute toxicity (dermal)     | : Not classified          |
| Acute toxicity (inhalation) | : Not classified          |
| Skin corrosion/irritation   | : Not classified          |
|                             | pH: $\approx 6$ (5.5 – 7) |

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|                                    |   |
|------------------------------------|---|
| Serious eye damage/irritation      | : Causes serious eye irritation.<br>pH: ≈ 6 (5.5 – 7) |
| Respiratory or skin sensitization  | : Not classified                                      |
| Germ cell mutagenicity             | : Not classified                                      |
| Carcinogenicity                    | : Not classified                                      |
| Reproductive toxicity              | : Not classified                                      |
| STOT-single exposure               | : May cause drowsiness or dizziness.                  |
| STOT-repeated exposure             | : Not classified                                      |
| Aspiration hazard                  | : Not classified                                      |
| Viscosity, kinematic               | : No data available                                   |
| Symptoms/effects                   | : May cause drowsiness or dizziness.                  |
| Symptoms/effects after eye contact | : Eye irritation.                                     |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|--|

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|  |  |
|--|--|
|  |  |
|--|--|

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Additional information  | : Flammable vapors may accumulate in the container.   |

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

|                                |   |
|--------------------------------|---|
| Transport document description | : UN1170 Ethyl alcohol, 3, II                                   |
| UN-No.(DOT)                    | : UN1170  |
| Proper Shipping Name (DOT)     | : Ethyl alcohol   |
| Class (DOT)                    | : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Packing group (DOT)            | : II - Medium Danger  |
| Hazard labels (DOT)            | : 3 - Flammable liquid  |



|   |       |
|---|-------|
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 202 |
| DOT Packaging Bulk (49 CFR 173.xxx)     | : 242 |

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|  |  |
|--|--|
| DOT Special Provisions (49 CFR 172.102)                          | : 24 - Alcoholic beverages containing more than 70 percent alcohol by volume must be transported as materials in Packing Group II. Alcoholic beverages containing more than 24 percent but not more than 70 percent alcohol by volume must be transported as materials in Packing Group III.<br>IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.<br>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)<br>TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 4b, 150  |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 5 L  |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 60 L   |
| DOT Vessel Stowage Location                                      | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  |
| Emergency Response Guide (ERG) Number                            | : 127  |
| Other information  | : No supplementary information available.  |

## Transportation of Dangerous Goods

Not applicable

## Transport by sea

|                                       |  |
|---------------------------------------|--|
| Transport document description (IMDG) | : UN 1170 ETHANOL (ETHYL ALCOHOL), 3, II   |
| UN-No. (IMDG)                         | : 1170                                     |
| Proper Shipping Name (IMDG)           | : ETHANOL (ETHYL ALCOHOL)                  |
| Class (IMDG)                          | : 3 - Flammable liquids                    |
| Packing group (IMDG)                  | : II - substances presenting medium danger |
| Limited quantities (IMDG)             | : 1 L                                      |

## Air transport

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

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## Full text of H-phrases:

|      |                                   |
|------|-----------------------------------|
| H226 | Flammable liquid and vapour       |
| H319 | Causes serious eye irritation     |
| H336 | May cause drowsiness or dizziness |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*