

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# Alcare® Enhanced Hand Sanitizer

Version 1.1

Print Date 27.01.2025

Revision Date 08.10.2024

SDS Number 350000046755  
GEN\_SOF Number 74545

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : Alcare® Enhanced Hand Sanitizer

**Recommended use** : Sanitizer

**Restrictions on use** : Use only as directed on label

**Manufacturer, importer, supplier** : SC Johnson Professional USA, Inc.,  
2815 Coliseum Centre Dr.,  
Suite 600, Charlotte, NC 28217,

**Telephone** : 1-800-248-7190 (Industrial/Institutional);  
1-866-783-0422 (Healthcare)

**Emergency telephone number** : (800) 424-9300 CHEMTREC (North America)  
(703) 527-3887 CHEMTREC (International, call collect)  
  
(833) 289-4301 24hr Medical Emergency Line

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### Globally Harmonized System (GHS) Classification

| Hazard classification | Hazard category | Hazards identification |
|-----------------------|-----------------|------------------------|
| Eye irritation        | Category 2B     | Causes eye irritation. |

### Labelling

#### Signal word

Warning

#### Hazard statements

Causes eye irritation.

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#### Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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.

Wash hands thoroughly after handling.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS-No. | Weight percent |
|---------------|---------|----------------|
| Ethyl alcohol | 64-17-5 | 60,00 - 100,00 |
| 1-PROPANOL    | 71-23-8 | 5,00 - 10,00   |

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first aid measures

**Eye contact** : 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.

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

**Ingestion** : No special requirements

#### Most important symptoms and effects, both acute and delayed

**Eyes** : No adverse effects expected when used as directed.

**Skin effect** : No adverse effects expected when used as directed.

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Inhalation : No adverse effects expected when used as directed.  
Ingestion : May cause abdominal discomfort.  
No adverse effects expected when used as directed.

#### Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

#### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Specific hazards during firefighting** : Container may melt and leak in heat of fire.  
**Further information** : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Wash thoroughly after handling.  
**Environmental precautions** : Outside of normal use, avoid release to the environment.  
**Methods and materials for containment and cleaning up** : Dike large spills.  
Clean residue from spill site.

#### 7. HANDLING AND STORAGE

**Handling**  
**Precautions for safe handling** : Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.

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Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Wash thoroughly after handling.

**Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

#### Storage

**Requirements for storage areas and containers** : Keep container closed when not in use.

**Other data** : Stable at normal ambient temperature and pressure.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Components    | CAS-No. | mg/m3       | ppm       | Non-standard units | Basis      |
|---------------|---------|-------------|-----------|--------------------|------------|
| Ethyl alcohol | 64-17-5 | -           | 1.000 ppm | -                  | ACGIH STEL |
| Ethyl alcohol | 64-17-5 | 1.900 mg/m3 | 1.000 ppm | -                  | OSHA TWA   |
| 1-PROPANOL    | 71-23-8 | -           | 100 ppm   | -                  | ACGIH TWA  |
| 1-PROPANOL    | 71-23-8 | 500 mg/m3   | 200 ppm   | -                  | OSHA TWA   |

### Personal protective equipment

**Respiratory protection** : No special requirements.

**Hand protection** : No special requirements.

**Eye protection** : No special requirements.

**Skin and body protection** : No special requirements.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| Form                                         | : liquid                                    |
| Color                                        | : colourless                                |
| Odour                                        | : Alcoholic                                 |
| Odour Threshold                              | : Test not applicable for this product type |
| pH                                           | : 6,25<br>at (25 C)                         |
| Melting point/freezing point                 | : <-20°C                                    |
| Initial boiling point and boiling range      | : >35°C                                     |
| Flash point                                  | : Test not applicable for this product type |
| Evaporation rate                             | : Test not applicable for this product type |
| Flammability (solid, gas)                    | : Readily gives off flammable vapours       |
| Upper/lower flammability or explosive limits | : Not measured as flashpoint is >60° C      |
| Vapour pressure                              | : Test not applicable for this product type |
| Vapour density                               | : Not applicable due to flash point > 60 C  |
| Relative density                             | : 0,8495 g/cm3                              |

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|                                                          |                                                                                                                |   |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---|
| <b>Solubility(ies)</b>                                   | : soluble                                                                                                      |   |
| <b>Partition coefficient: n-octanol/water</b>            | : Test not applicable for this product type                                                                    |   |
| <b>Auto-ignition temperature</b>                         | : not auto-flammable                                                                                           |   |
| <b>Decomposition temperature</b>                         | : Test not applicable for this product type                                                                    |   |
| <b>Viscosity, dynamic</b>                                | : similar to water                                                                                             |   |
| <b>Viscosity, kinematic</b>                              | : similar to water                                                                                             |   |
| <b>Oxidizing properties</b>                              | : Test not applicable for this product type                                                                    |   |
| <b>Volatile Organic Compounds<br/>Total VOC (wt. %)*</b> | : 78,6 % - additional exemptions may apply<br>*as defined by US Federal and State Consumer Product Regulations |   |
| <b>Other information</b>                                 | : None identified                                                                                              | : |

#### 10. STABILITY AND REACTIVITY

|                                 |                                                                  |
|---------------------------------|------------------------------------------------------------------|
| <b>Reactivity</b>               | : No dangerous reaction known under conditions of normal use.    |
| <b>Chemical stability</b>       | : Stable under recommended storage conditions.                   |
| <b>Possibility of hazardous</b> | : If accidental mixing occurs and toxic gas is formed, exit area |

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|                                         |                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------|
| <b>reactions</b>                        | immediately. Do not return until well ventilated.                            |
| <b>Conditions to avoid</b>              | : Direct sources of heat.                                                    |
| <b>Incompatible materials</b>           | : Do not mix with bleach or any other household cleaners.<br>Strong bases    |
| <b>Incompatible materials</b>           | : Do not mix with bleach or any other household cleaners.<br>Strong bases    |
| <b>Hazardous decomposition products</b> | : Thermal decomposition can lead to release of irritating gases and vapours. |

#### 11. TOXICOLOGICAL INFORMATION

|                                  |                     |
|----------------------------------|---------------------|
| <b>Acute oral toxicity</b>       | : LD50 > 5000 mg/kg |
| <b>Acute inhalation toxicity</b> | : LC50 > 10 mg/L    |
| <b>Acute dermal toxicity</b>     | : LD50 > 5000 mg/kg |

| GHS Properties            | Classification             | Routes of entry            |
|---------------------------|----------------------------|----------------------------|
| Acute toxicity            | No classification proposed | Oral                       |
| Acute toxicity            | No classification proposed | Dermal                     |
| Acute toxicity            | No classification proposed | Inhalation - Dust and Mist |
| Acute toxicity            | No classification proposed | Inhalation - Vapour        |
| Acute toxicity            | No classification proposed | Inhalation - Gas           |
| Skin corrosion/irritation | No classification proposed | -                          |
| Eye irritation            | Category 2B                | -                          |
| Skin sensitisation        | No classification proposed | -                          |

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|                                                    |                            |   |
|----------------------------------------------------|----------------------------|---|
|                                                    |                            |   |
| Respiratory sensitisation                          | No classification proposed | - |
| Germ cell mutagenicity                             | No classification proposed | - |
| Carcinogenicity                                    | No classification proposed | - |
| Reproductive toxicity                              | No classification proposed | - |
| Specific target organ toxicity - single exposure   | No classification proposed | - |
| Specific target organ toxicity - repeated exposure | No classification proposed | - |
| Aspiration hazard                                  | No classification proposed | - |

**Aggravated Medical Condition** : None known.

## 12. ECOLOGICAL INFORMATION

**Product** : The product itself has not been tested.

### Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

### Toxicity to fish

| Components    | End point                       | Species                              | Value       | Exposure time |
|---------------|---------------------------------|--------------------------------------|-------------|---------------|
| Ethyl alcohol | LC50                            | Fish                                 | 11.200 mg/l | 96 h          |
| 1-PROPANOL    | flow-through test LC50 Measured | Pimephales promelas (fathead minnow) | 4.555 mg/l  | 96 h          |

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|  |                                  |  |  |  |
|--|----------------------------------|--|--|--|
|  | OECD<br>Test<br>Guideline<br>203 |  |  |  |
|--|----------------------------------|--|--|--|

#### Toxicity to aquatic invertebrates

| Components    | End point           | Species            | Value      | Exposure time |
|---------------|---------------------|--------------------|------------|---------------|
| Ethyl alcohol | static test<br>LC50 | Ceriodaphnia dubia | 5.012 mg/l | 48 h          |
|               | NOEC                | Daphnia magna      | 9,6 mg/l   | 9 d           |
| 1-PROPANOL    |                     |                    |            |               |

#### Toxicity to aquatic plants

| Components    | End point            | Species                                   | Value    | Exposure time |
|---------------|----------------------|-------------------------------------------|----------|---------------|
| Ethyl alcohol | Static<br>EC50       | Chlorella vulgaris (Fresh<br>water algae) | 275 mg/l | 72 h          |
| 1-PROPANOL    | No data<br>available |                                           |          |               |

#### Persistence and degradability

| Component | Biodegradation | Exposure | Summary |
|-----------|----------------|----------|---------|
|-----------|----------------|----------|---------|

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|               |      | time |                            |
|---------------|------|------|----------------------------|
| Ethyl alcohol | 97 % | 28 d | Readily biodegradable.     |
| 1-PROPANOL    | 75 % | 20 d | Not readily biodegradable. |

**Bioaccumulative potential**

| Component     | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|---------------|-------------------------------|---------------------------------------------|
| Ethyl alcohol | 3,2 estimated                 | -0,35 Measured                              |
| 1-PROPANOL    |                               |                                             |

**Mobility**

| Component     | End point | Value |
|---------------|-----------|-------|
| Ethyl alcohol | Koc       | 1     |
| 1-PROPANOL    |           | -     |

**PBT and vPvB assessment**

| Component     | Results                              |
|---------------|--------------------------------------|
| Ethyl alcohol | Not fulfilling PBT and vPvB criteria |
| 1-PROPANOL    | Not fulfilling PBT and vPvB criteria |

**Other adverse effects** : None known.**13. DISPOSAL CONSIDERATIONS**

Consumer may discard empty container in trash, or recycle where facilities exist.

**14. TRANSPORT INFORMATION**

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

**Land transport**

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Not classified as dangerous in the meaning of transport regulations.

#### Sea transport

Not classified as dangerous in the meaning of transport regulations.

#### Air transport

Not classified as dangerous in the meaning of transport regulations.

### 15. REGULATORY INFORMATION

**Notification status** : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Notification status** : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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#### 16. OTHER INFORMATION

##### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 0 |
| Reactivity   | 0 |

##### NFPA Ratings

|            |   |
|------------|---|
| Health     | 1 |
| Fire       | 0 |
| Reactivity | 0 |
| Special    | - |

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

##### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

|             |                                                                  |
|-------------|------------------------------------------------------------------|
| Prepared by | SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA) |
|-------------|------------------------------------------------------------------|