

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET SPRAY HAND SANITIZER

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

|                         |                      |
|-------------------------|----------------------|
| Product name            | SPRAY HAND SANITIZER |
| Internal identification | 073323, 073334       |
| Container size          | 3x800ml, 2x5L        |

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|                 |                 |
|-----------------|-----------------|
| Identified uses | Hand sanitizer. |
|-----------------|-----------------|

#### 1.3. Details of the supplier of the safety data sheet

|          |   |
|----------|---|
| Supplier | Cleenol Group Ltd<br>Neville House<br>Beaumont Road<br>Banbury<br>Oxon OX16 1RB<br>UK<br>Tel: +44 (0)1295 251721<br>sales@cleenol.co.uk |
|----------|---|

#### 1.4. Emergency telephone number

|                     |   |
|---------------------|---|
| Emergency telephone | In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only). |
|---------------------|---|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

|                       |                     |
|-----------------------|---------------------|
| Physical hazards      | Flam. Liq. 2 - H225 |
| Health hazards        | Not Classified      |
| Environmental hazards | Not Classified      |

#### 2.2. Label elements

##### Hazard pictograms



|                   |  |
|-------------------|--|
| Signal word       | Danger                                   |
| Hazard statements | H225 Highly flammable liquid and vapour. |

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**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

**Supplementary precautionary statements** P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

|                       |                      |  |
|-----------------------|----------------------|--|
| <b>ETHANOL</b>        |                      | <b>70%</b>                                       |
| CAS number: 64-17-5   | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-XXXX |
| <b>Classification</b> |                      |  |
| Flam. Liq. 2 - H225   |                      |  |

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

**Inhalation** Remove affected person from source of contamination. No special treatment required.

**Ingestion** Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Get medical attention if a large quantity has been ingested.

**Skin contact** Rinse with water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

**Eye contact** Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if symptoms are severe or persist.

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

**General information** The product is considered to be a low hazard under normal conditions of use.

**Inhalation** No adverse effects known.

**Ingestion** May cause nausea, headache, dizziness and intoxication.

**Skin contact** No adverse effects known.

**Eye contact** May cause temporary eye irritation.

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

**Notes for the doctor** No specific recommendations.

**Specific treatments** Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Heating may generate flammable vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water. Fight fire with normal precautions from a reasonable distance. Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with eyes. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material.

### 6.2. Environmental precautions

**Environmental precautions** No negative effects on the aquatic environment are known.

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

**Methods for cleaning up** Flush away spillage with plenty of water.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** For professional users only. Keep away from heat, sparks and open flame. Container must be kept tightly closed when not in use.

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

**Storage precautions** Keep only in the original container in a cool, well-ventilated place.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



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|   |   |
|---|---|
| <b>Appropriate engineering controls</b> | No specific ventilation requirements.   |
| <b>Eye/face protection</b>              | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.                            |
| <b>Hand protection</b>                  | Hand protection not required.   |
| <b>Hygiene measures</b>                 | No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. |
| <b>Respiratory protection</b>           | No specific requirements are anticipated under normal conditions of use.  |

### SECTION 9: Physical and chemical properties

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

|                                  |   |
|----------------------------------|---|
| <b>Appearance</b>                | Coloured liquid.  |
| <b>Colour</b>                    | Blue.   |
| <b>Odour</b>                     | Alcoholic.  |
| <b>pH</b>                        | pH (concentrated solution): ~8                              |
| <b>Flash point</b>               | 21°C Pensky-Martens closed cup.                             |
| <b>Relative density</b>          | 0.83 - 0.88 @ 20°C  |
| <b>Solubility(ies)</b>           | Soluble in water.   |
| <b>Auto-ignition temperature</b> | Not determined.   |
| <b>Oxidising properties</b>      | Does not meet the criteria for classification as oxidising. |

#### 9.2. Other information

|                                  |   |
|----------------------------------|---|
| <b>Refractive index</b>          | 22 - 24   |
| <b>Volatile organic compound</b> | Does not meet the criteria for classification as oxidising. |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---|

#### 10.2. Chemical stability

|                  |   |
|------------------|---|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---|

#### 10.3. Possibility of hazardous reactions

|   |   |
|---|---|
| <b>Possibility of hazardous reactions</b> | No potentially hazardous reactions known. |
|---|---|

#### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | Avoid heat, flames and other sources of ignition. |
|----------------------------|---|

#### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | Keep away from oxidising materials, heat and flames. |
|---------------------------|--|

#### 10.6. Hazardous decomposition products

|   |   |
|---|---|
| <b>Hazardous decomposition products</b> | Does not decompose when used and stored as recommended. |
|---|---|

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

**General information** The product is not believed to present a hazard due to its physical nature.

**Ingestion** May cause nausea, headache, dizziness and intoxication.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** May cause temporary eye irritation.

### SECTION 12: Ecological information

**Ecotoxicity** No negative effects on the aquatic environment are known.

#### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

#### 12.2. Persistence and degradability

**Persistence and degradability** The substance is readily biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

**Mobility** Soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

**Disposal methods** Following dilution, discharge to the sewer with plenty of water may be permitted.

### SECTION 14: Transport information

#### 14.1. UN number

**UN No. (ADR/RID)** 1170

**UN No. (IMDG)** 1170

**UN No. (ICAO)** 1170

**UN No. (ADN)** 1170

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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**Proper shipping name (IMDG)** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**Proper shipping name (ICAO)** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**Proper shipping name (ADN)** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

### 14.3. Transport hazard class(es)

|                                    |    |
|------------------------------------|----|
| <b>ADR/RID class</b>               | 3  |
| <b>ADR/RID classification code</b> | F1 |
| <b>ADR/RID label</b>               | 3  |
| <b>IMDG class</b>                  | 3  |
| <b>ICAO class/division</b>         | 3  |
| <b>ADN class</b>                   | 3  |

### Transport labels



### 14.4. Packing group

|                              |    |
|------------------------------|----|
| <b>ADR/RID packing group</b> | II |
| <b>IMDG packing group</b>    | II |
| <b>ICAO packing group</b>    | II |
| <b>ADN packing group</b>     | II |

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

|   |          |
|---|----------|
| <b>EmS</b>                                    | F-E, S-D |
| <b>ADR transport category</b>                 | 2        |
| <b>Emergency Action Code</b>                  | •2YE     |
| <b>Hazard Identification Number (ADR/RID)</b> | 33       |
| <b>Tunnel restriction code</b>                | (D/E)    |

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78 and the IBC Code**

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |  |
|----------------------------------|--|
| <b>Issued by</b>                 | Regulatory Chemist                       |
| <b>Revision date</b>             | 03/08/2021                               |
| <b>Revision</b>                  | 30                                       |
| <b>Supersedes date</b>           | 29/04/2021                               |
| <b>SDS number</b>                | 10439                                    |
| <b>Hazard statements in full</b> | H225 Highly flammable liquid and vapour. |

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.