



## SAFETY DATA SHEET MEDISAN 70% HAND SANITIZING GEL

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

#### 1.1. Product identifier

|                                |                                 |
|--------------------------------|---------------------------------|
| <b>Product name</b>            | MEDISAN 70% HAND SANITIZING GEL |
| <b>Internal identification</b> | 077159, 077137, 077123          |
| <b>Container size</b>          | 25x50ml, 6x500ml, 2x5L          |
| <b>UFI</b>                     | UFI: XDM1-Y0T3-900F-PK17        |

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

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Identified uses</b> | <p>A 70% alcohol hospital specification clear hand sanitizing gel and emollient.<br/>         Sanitizes the skin without the need for water.<br/>         Suitable for use in any situation where bactericidal control is important or essential.<br/>         Evaporates quickly and is non-tacky.<br/>         Complies with BS EN 1276 - Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements.<br/>         Kills 99.999% of germs. Conforms to BS EN 14476:2013+A2:2019 Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of virucidal activity in the medical area- Test method and requirements (Phase 2/Step 1). Effective against all enveloped viruses, including Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) - the virus strain that causes Coronavirus disease 2019 (COVID-19).</p> |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                 |                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supplier</b> | 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

|                            |                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emergency telephone</b> | 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)

|                              |                     |
|------------------------------|---------------------|
| <b>Physical hazards</b>      | Flam. Liq. 3 - H226 |
| <b>Health hazards</b>        | Eye Irrit. 2 - H319 |
| <b>Environmental hazards</b> | Not Classified      |

#### 2.2. Label elements

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### Hazard pictograms



### Signal word

Warning

### Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

### 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.

P501 Dispose of contents/ container in accordance with national regulations.

### UFI

UFI: XDM1-Y0T3-900F-PK17

### Supplementary precautionary statements

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|                                                                     |                      |                                                  |        |
|---------------------------------------------------------------------|----------------------|--------------------------------------------------|--------|
| ETHANOL                                                             |                      |                                                  | 60-80% |
| CAS number: 64-17-5                                                 | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-XXXX |        |
| <b>Classification</b><br>Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319 |                      |                                                  |        |

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

Not applicable.

#### Ingestion

Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. No special treatment required.

#### Eye contact

Do not rub eye. Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if irritation persists after washing.

### 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 specific symptoms known.

#### Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

#### Skin contact

The product is considered to be a low hazard under normal conditions of use. Skin irritation should not occur when used as recommended.

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**Eye contact** May cause severe 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.

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

**Specific hazards** Flammable liquid and vapour.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Fight fire with normal precautions from a reasonable distance. Cool containers exposed to flames with water until well after the fire is out.

**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** Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes.

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

**Storage precautions** Keep away from heat, sparks and open flame.

**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. Refer to Product Use Guide (PUG) for further information.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

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### 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

|                                |                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------|
| Eye/face protection            | No specific eye protection required during normal use.                                   |
| Hand protection                | Not applicable.                                                                          |
| Other skin and body protection | Not applicable. No specific requirements are anticipated under normal conditions of use. |
| Respiratory protection         | 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

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Appearance                | Gel.                                                        |
| Colour                    | Colourless.                                                 |
| Odour                     | Slight alcoholic.                                           |
| pH                        | Neutral.                                                    |
| Flash point               | 23°C Pensky-Martens closed cup.                             |
| Relative density          | ~ 0.88 @ 20°C                                               |
| Solubility(ies)           | Soluble in water.                                           |
| Auto-ignition temperature | No information available.                                   |
| Decomposition Temperature | Not determined.                                             |
| Viscosity                 | 4000 - 6000 cP @ 20°C                                       |
| Oxidising properties      | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| Refractive index          | 21 - 23                                                |
| Volatile organic compound | See SECTION 3: Composition/information on ingredients. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---------------------------------------------------------------------|

### 10.2. Chemical stability

|           |                                                                     |
|-----------|---------------------------------------------------------------------|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
|-----------|---------------------------------------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                    |                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Possibility of hazardous reactions | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|

### 10.4. Conditions to avoid

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Conditions to avoid | Avoid heat, flames and other sources of ignition. |
|---------------------|---------------------------------------------------|

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### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Heating may generate flammable vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product is 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** Discharge of small quantities to the sewer with plenty of water may be permitted.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1993

**UN No. (IMDG)** 1993

**UN No. (ICAO)** 1993

**UN No. (ADN)** 1993

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** FLAMMABLE LIQUID, N.O.S. (ETHANOL)

**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S. (ETHANOL)

**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S. (ETHANOL)

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Proper shipping name (ADN) FLAMMABLE LIQUID, N.O.S. (ETHANOL)

### 14.3. Transport hazard class(es)

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

### Transport labels



### 14.4. Packing group

|                       |     |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group    | III |
| ICAO packing group    | III |
| ADN packing group     | III |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

|                                        |          |
|----------------------------------------|----------|
| EmS                                    | F-E, S-E |
| ADR transport category                 | 3        |
| Emergency Action Code                  | •3Y      |
| Hazard Identification Number (ADR/RID) | 30       |
| Tunnel restriction code                | (D/E)    |

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

Transport in bulk according to 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 (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).

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).

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).

### Guidance

EH40/2005 Workplace exposure limits

Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)

Health and Safety Executive

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

|                           |                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| Issued by                 | Regulatory Chemist                                                                                                   |
| Revision date             | 07/05/2020                                                                                                           |
| Revision                  | 22                                                                                                                   |
| Supersedes date           | 30/03/2020                                                                                                           |
| SDS number                | 10216                                                                                                                |
| Hazard statements in full | H225 Highly flammable liquid and vapour.<br>H226 Flammable liquid and vapour.<br>H319 Causes serious eye irritation. |

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.