

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

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

#### 1.1 Product Identifier

Product Name Clinell Hand Sanitising Liquid (75%)

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

Identified Use Hand Sanitiser

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Flam. Liq, 2: H225

Human Health  
None identified for this product.

Environment  
None identified for this product.

Physical and Chemical Hazards  
Product contains alcohol and is expected to be highly flammable.

#### 2.2 Label Elements



Signal Word: Danger

Hazard statements H225: Highly flammable liquid and vapour.

Precautionary statements P102: Keep out of reach of children.

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

P210: Keep away from heat/hot surfaces/sparks/open flames and other ignition sources – no smoking.  
P501: Dispose of contents/container in accordance with local/national regulations.

### 2.3 Other hazards

For external use only.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

| Declarable components | Conc. (%) | EC No.    | CAS No. | Classification according to Regulation (EC) 1272/2008      |
|-----------------------|-----------|-----------|---------|--|
| Ethyl alcohol         | ≤80       | 200-578-6 | 64-17-5 | Flam. Liq. 2 (H225)  |
| Isopropyl alcohol     | ≤7        | 200-661-7 | 67-63-0 | Flam. Liq. 2 (H225); Eye irrit. 2 (H319); STOT SE 3 (H336) |

Full text of Hazard Statements available in Section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

If adverse effects (e.g. irritation of the airways) occur, remove patient from exposure and give fresh air and rest. If the patient continues to feel unwell, obtain medical attention.

#### Skin

Safe for consumer use, as directed. For industrial use of the liquid, remove contaminated clothing and wash affected area with soap and water. If irritation occurs, seek medical attention. Launder contaminated clothing before re-use.

#### Eye

In case of contact with eyes, irrigate with water for 15 minutes, occasionally lifting eyelids. Seek prompt medical attention.

#### Ingestion

If swallowed, wash out mouth thoroughly and give water to drink. Seek medical attention if swallowed. Do not induce vomiting, unless instructed by medical personnel.

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

Harmful if swallowed.

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

Treat symptoms as they occur.

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

---

### SECTION 5: Firefighting measures

---

#### 5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical and foam are compatible with the product. Remove containers from fire or cool them with water.

#### 5.2 Special hazards arising from the substance of mixture

This product is alcohol based, and therefore highly flammable. May produce flammable or explosive vapours.

#### 5.3 Advice for firefighters

Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.

---

### SECTION 6: Accidental release measures

---

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

For industrial spills of the liquid, ensure full personal protection is worn (see Section 8). Keep unauthorised personnel from the spillage areas.

#### 6.2 Environmental precautions

Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbent material. Contact authorities, water company, and waste-water treatment plant as appropriate if significant contamination occurs.

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

Stop the source of leak or release. Extinguish all sources of ignition and use non-sparking equipment. Clean up spill as soon as possible. Small spills can be mopped up with dry cloth. Collect larger spill using techniques such as sorbent materials or pumping. Place material in suitable container for disposal in accordance with local and national regulations. Wash contaminated surfaces with water and collect washings for safe disposal. Follow prescribed procedures for responding to large spills and reporting to appropriate authorities.

#### 6.4 Reference to other sections

Section 8: Personal Protective Equipment  
Section 13: Waste Treatment Methods.

---

### SECTION 7: Handling and storage

---

#### 7.1 Precautions for safe handling

For industrial use of the liquid, avoid contact with skin and eyes. Wear protective clothing as in Section 8. Good general ventilation is recommended.

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

Store in a cool, dry, well-ventilated place, away from direct sunlight. Keep container closed when not in use.

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

### 7.3 Specific end use

Identified in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

|          |  |
|----------|--|
| EU Limit | None   |
| UK Limit | Ethanol: long-term exposure limit (8h), 1920 mg/m <sup>3</sup> (1000 ppm).<br>Propan-2-ol: long term exposure limit (8h), 999 mg/m <sup>3</sup> (400 ppm).<br>Glycerol mist: long-term exposure limit (8h), 10 mg/m <sup>3</sup> .<br>Propane-1,2-diol (total vapour & particulates): long-term exposure limit (8h), 474 mg/m <sup>3</sup> (150 ppm). Short-term exposure limit (15 mins), 1250 mg/m <sup>3</sup> (500 ppm). |

### 8.2 Exposure controls

Engineering controls  
For industrial use of the liquid, good general ventilation is recommended.

Personal protective equipment  
For professional use of the liquid, the need for personal protective equipment should be based on a workplace risk assessment for the particular use. Prevent skin and eye contact by wearing chemical resistant gloves (e.g. rubber, neoprene, PVC) and safety goggles. Where more extensive contact may occur, wear suitable protective clothing (e.g. apron, sleeves, boots).  
PPE should be to European (EN) standard EN ISO 374. Consult manufacturers concerning breakthrough times.

Environmental exposure controls  
Not available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                 |                |
|-----------------|----------------|
| Appearance      | Colourless gel |
| Odour           | Alcohol        |
| Odour threshold | Not available  |
| pH              | ca. 7.5 – 9.0  |

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

---

|                                  |                     |
|----------------------------------|---------------------|
| Melting/freezing point           | ca. -44°C           |
| Initial boiling point/range      | ca. 80.3°C          |
| Flash point                      | ca. 21°C            |
| Evaporation rate                 | Not available       |
| Flammability (solid, gas)        | Not available       |
| Flammability or explosive limits | Not available       |
| Vapour pressure                  | ca. 36 mbar at 20°C |
| Relative density                 | Not available       |
| Solubility                       | Water soluble       |
| Partition coef                   | Not available       |
| Auto-ignition temperature        | Not available       |
| Decomposition temperature        | Not available       |
| Viscosity                        | Not available       |
| Explosive properties             | Not available       |
| Oxidising properties             | Not available       |
| <b>9.2 Other information</b>     | Not available       |

---

### SECTION 10: Stability and reactivity

---

#### 10.1 Reactivity

Not available

#### 10.2 Chemical stability

Stable under recommended storage and handling conditions.

#### 10.3 Possibility of hazardous reactions

Not available

#### 10.4 Conditions to avoid

Heat and ignition sources

#### 10.5 Incompatible materials

Oxidising agents, acids and bases

#### 10.6 Hazardous decomposition products

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

None known

### SECTION 11: Toxicological information

*The preparation has not been tested for toxicological effects. Based on the known effects of the ingredients, the product is classified for human health effects as indicated below.*

#### 11.1 Information of toxicological effects

##### Acute toxicity

Contains high concentrations of alcohol, ingestion or inhalation may cause signs of intoxication. If ingested, seek medical attention.

##### Irritancy

Not classified as irritating to skin or eyes but may cause mild irritation to eyes. Repeated or prolonged skin contact may cause irritation.

##### Corrosivity

No information available

##### Sensitisation

No ingredient has been identified as having sensitising properties.

##### Repeated dose toxicity

No information available

##### Carcinogenicity

No information available

##### Mutagenicity

No information available

##### Toxicity for reproduction

No information available

### SECTION 12: Ecological information

*Ecotoxicological data have not been determined specifically for this product, but it is not classified as harmful on the basis of the known hazards of the components.*

#### 12.1 Toxicity

No information available.

#### 12.2 Persistence and degradability

No information available.

#### 12.3 Bioaccumulative potential

No information available.

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

### 12.4 Mobility soil

Product contains high concentrations of alcohol, which is water soluble, and will evaporate into the atmosphere.

### 12.5 Results of PBT and vPVP assessment

Not available

### 12.6 Other adverse effects

Not available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Disposal must be in accordance with current national and local regulations.

In industry, chemical residues generally count as special waste, and their disposal may be regulated in the EC member countries through corresponding laws and regulations.

We recommend that you contact either the authorities or approved waste disposal companies who will advise you on how to dispose of special waste.

## SECTION 14: Transport Information

### 14.1 UN Number

1987

### 14.2 UN Proper Shipping Name

Alcohols, N.O.S (Ethyl Alcohol, Isopropyl Alcohol)

### 14.3 Transport hazard class(es)

3

### 14.4 Packing groups

II

### 14.5 Environmental hazards

None

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

Classification and Labelling of Substances and Preparation Dangerous for Supply. Workplace Exposure Limits EH40. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 with amendments

# SAFETY DATA SHEET

## Clinell Hand Sanitising Liquid (75%)

According to Regulation (EU) No 453/2010

Issue Date: 20<sup>th</sup> March 2020

Version Number: 1

---

### 15.2 Chemical safety assessment

Not available

---

### SECTION 16: Other Information

---

#### Revisions

This document is currently in its first revision.

#### Basis of classification

The mixture is self-classified on the basis of available information on the ingredients

#### List of hazard statements

H225: Highly flammable liquid and vapour, H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

*Disclaimer: This information is furnished without warranty express or implied, except that it is accurate to the best of our knowledge.*

*It relates to the specific material designated herein and does not relate to the use in combination with any other material or in any process. We assume no legal responsibility for use or reliance upon this information.*