



## SAFETY DATA SHEET CLEENOL 70% HAND SANITIZING GEL

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

#### 1.1. Product identifier

**Product name** CLEENOL 70% HAND SANITIZING GEL

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

**Identified uses** Cleaning agent.

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

**Supplier** Cleenol Group Ltd  
Neville House  
Beaumont Road  
Banbury  
Oxon OX16 1RB  
UK  
Tel : +44 (0)1295 251721  
Fax : +44 (0)1295 269561  
sales@cleenol.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** Emergency contact number 01295 251721 (9am to 5pm Monday to Friday excluding bank holidays). Ask for Technical Department quoting the product name. Outside of these hours please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) quoting product name and present this MSDS advising them that the product is registered with the National Poisons Information Service

### SECTION 2: Hazards identification

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

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

**Physical hazards** Flam. Liq. 3 - H226

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** R10.

**Human health** Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

**Environmental** The product is not expected to be hazardous to the environment.

**Physicochemical** The product is flammable. Heating may generate flammable vapours.

#### 2.2. Label elements

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### Pictogram



### Signal word

Warning

### Hazard statements

H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.

### Precautionary statements

P233 Keep container tightly closed.  
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.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

#### Other Hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ETHANOL</b>		<b>60-100%</b>
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F;R11	
Eye Irrit. 2 - H319		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### Composition comments

The data shown are in accordance with the latest EC Directives.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

#### Inhalation

Get medical attention if any discomfort continues.

#### Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

#### Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing.

#### Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

#### Inhalation

Gas or vapour in high concentrations may irritate the respiratory system.

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<b>Ingestion</b>	Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

<b>Specific treatments</b>	Seek medical attention if irritation or symptoms persist. Symptomatic treatment
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with the following media: Alcohol-resistant foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals, sand, dolomite etc. Do not use water, if avoidable.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
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### **5.3. Advice for firefighters**

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	See section 3,8 & 13 for further information
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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Avoid spilling. During application and drying, solvent vapours will be emitted. Avoid contact with eyes.
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### **7.2. Conditions for safe storage, including any incompatibilities**

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry and cool place. Store under well-ventilated conditions at a temperature below 25°C.
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<b>Storage class</b>	Flammable liquid storage.
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### **7.3. Specific end use(s)**

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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## CLEENOL 70% HAND SANITIZING GEL

**SHELF LIFE OF DILUTION  
12 MONTHS**

### 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

**Ingredient comments** WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

##### Protective equipment

**Appropriate engineering controls** Not relevant.

**Eye/face protection** If risk of splashing, wear safety goggles or face shield.

**Hand protection** Hand protection not required.

**Hygiene measures** Promptly remove non-impervious clothing that becomes contaminated. When using do not eat, drink or smoke.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Gel
<b>Colour</b>	Colourless.
<b>Odour</b>	Slight alcoholic.
<b>pH</b>	6-8
<b>Flash point</b>	23°C PMCC (Pensky-Martens closed cup).
<b>Relative density</b>	0.87 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Viscosity</b>	10,000 CP@ @ 20°C

#### 9.2. Other information

**Other information** None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

#### 10.2. Chemical stability

**Stability** No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

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### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid contact with the following materials:  
Acids. Oxidising agents.

### 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidising materials, heat and flames.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Oxides of carbon. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** Gastrointestinal symptoms, including upset stomach.

**Skin contact** Repeated exposure may cause skin dryness or cracking.

**Eye contact** Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

## SECTION 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### 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 product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 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** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor. Containers should be thoroughly emptied before disposal because of the risk of an explosion.

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### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1993
UN No. (IMDG)	1993
UN No. (ICAO)	1993

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, N.O.S.
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S.
Proper shipping name (ICAO)	FLAMMABLE LIQUID, N.O.S.
Proper shipping name (ADN)	FLAMMABLE LIQUID, N.O.S.

#### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID label	3
IMDG class	3
ICAO class/division	3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

#### 14.6. Special precautions for user

EmS	F-E, S-E
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30

#### 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 Not applicable.

### SECTION 15: Regulatory information

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

## CLEENOL 70% HAND SANITIZING GEL

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). EH40/2005 Workplace exposure limits.
<b>EU legislation</b>	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).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision date</b>	29/09/2017
<b>Revision</b>	15
<b>Supersedes date</b>	05/05/2017
<b>SDS number</b>	D56
<b>Risk phrases in full</b>	R10 Flammable. R11 Highly flammable.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. 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.