



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

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

Manufacturer 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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Flam. Liq. 3 - H226

Health hazards

Not Classified

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.

CLEENOL 70% HAND SANITIZING GEL**2.2. Label elements****Pictogram****Signal word**

Warning

Hazard statements

H226 Flammable liquid and vapour.

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.

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

ETHANOL		60-100%
CAS number: 64-17-5 EC number: 200-578-6		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F+R11	

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

Place unconscious person on their side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. 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. 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**4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media

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Extinguish with the following media: Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Do not use water, if avoidable.

5.2. Special hazards arising from the substance or mixture

Specific hazards

The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

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.

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. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep away from heat, sparks and open flame. Do not wear contact lenses. Avoid spilling. Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. During application and drying, solvent vapours will be emitted.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry and cool place. Store under well-ventilated conditions at a temperature below 25°C.

Storage class

Flammable liquid storage.

7.3. Specific end use(s)

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/m³

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

WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

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8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Not relevant.

Eye/face protection

Contact lenses should not be worn when working with this chemical. The following protection should be worn: Chemical splash goggles.

Hand protection

Hand protection not required.

Other skin and body protection

Provide eyewash station.

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

Appearance

Gel

Colour

Colourless.

Odour

Slight alcoholic.

Flash point

23°C PMCC (Pensky-Martens closed cup).

Relative density

0.87 @ 20°C

Solubility(ies)

Soluble in water.

Viscosity

10,000 CP@ @ 20°C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

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

10.5. Incompatible materials

10.6. Hazardous decomposition products

Oxides of carbon. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 11: Toxicological information

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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

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

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.

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 subsidiary risk	

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ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	
ICAO class/division	3
ICAO subsidiary risk	
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 MARPOL73/78 and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). EH40/2005 Workplace exposure limits.

15.2. Chemical safety assessment**SECTION 16: Other information**

Revision date	27/03/2015
Revision	1
Supersedes date	12/12/2012
SDS number	D56
Risk phrases in full	R10 Flammable. R11 Highly flammable.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour.

Disclaimer

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.