



## SAFETY DATA SHEET CLEENOL HAND SANITIZING GEL

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name CLEENOL 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  
Oxfordshire  
OX16 1RB  
Tel : 01295 251721  
Fax : 01295 269561  
sales@cleenol.co.uk

#### 1.4. Emergency telephone number

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 3 - H226
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC)

R10.

Human health

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

Environment

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

Physical and Chemical Hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

#### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

H226

Flammable liquid and vapour.

Precautionary Statements

P102

Keep out of reach of children.

P378d

Use foam, carbon dioxide, dry powder or water fog for extinction.

P403+235

Store in a well-ventilated place. Keep cool.

Dispose of contents / containers as normal waste

Supplementary Precautionary Statements

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

# CLEENOL HAND SANITIZING GEL

## 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

ETHANOL	30-60%
CAS-No.: 64-17-5	EC No.: 200-578-6
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) 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

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

Inhalation

Place unconscious person on the side in the recovery position and ensure breathing can take place. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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

Extinguishing media

Use: 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

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

Specific hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

#### 5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

#### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

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

# CLEENOL HAND SANITIZING GEL

Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with 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

Keep away from heat, sparks and open flame. Do not use contact lenses. Avoid spilling, skin and eye contact. 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

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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHANOL	WEL	1000 ppm	1920 mg/m3			

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

#### 8.2. Exposure controls

Protective equipment

Process conditions

Provide eyewash station.

Engineering measures

Not relevant

Hand protection

Hand protection not required.

Eye protection

Contact lenses should not be worn when working with this chemical! Wear approved safety goggles.

Other 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 odour of alcohol.
Solubility	Soluble in water.
Relative density	0.87 20
Viscosity	10, 000 CP@ 20C
Flash point (°C)	22C PM Closed cup.

#### 9.2. Other information

### SECTION 10: STABILITY AND REACTIVITY

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## **10.1. Reactivity**

## **10.2. Chemical 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 acids and oxidising substances.

## **10.5. Incompatible materials**

## **10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Inhalation

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Ingestion

Gastrointestinal symptoms, including upset stomach.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritating and may cause redness and 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**

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### **13.1. Waste treatment methods**

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Make sure containers are empty before discarding (explosion risk).

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1. UN number**

UN No. (ADR/RID/ADN) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

### **14.2. UN proper shipping name**

Proper Shipping Name FLAMMABLE LIQUID, N.O.S.

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

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3: Flammable liquids.

ADR Label No. 3

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IMDG Class 3  
ICAO Class/Division 3  
Transport Labels



## **14.4. Packing group**

ADR/RID/ADN 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 No. (ADR) 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 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)

### **15.2. Chemical Safety Assessment**

## **SECTION 16: OTHER INFORMATION**

Revision Date 24/02/2011  
Revision 5  
Supersedes date 03/02/2011  
SDS No. D25  
Risk Phrases In Full  
R11 Highly flammable  
Hazard Statements In Full  
H225 Highly 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.