

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 20.02.2008

Revision: 20.02.2008

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

- **Trade name: PURELL® Hand Sanitising Foam**
- **Application of the substance / the preparation hand sanitising foam**

· **Manufacturer/Supplier:**

Manufacturer:
GOJO Industries, Inc.
One GOJO Plaza, Suite 500
Akron, OH 44311
USA
Tel: +1 (330) 255-6000

Supplier :
GOJO Industries – Europe Ltd.
Units 5 & 6
Stratus Park
Brinklow
Milton Keynes
MK10 0DA
United Kingdom
Tel: +44 (0) 1908 588444
Fax: +44 (0) 1908 588445

- **Further information obtainable from:** Laboratory
- **Information in case of emergency:** NHS Direct: 0845 46 47 / Fax: 0845 606 46 47




2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled in the latest valid version according to the calculation procedure of the "General Classification guideline for preparations of the EU".
R 10 Flammable.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6	ethanol	 F; R 11	<35%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol	 Xi,  F; R 11-36-67	<2%

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· **Additional information:** For the wording of the listed risk phrases, refer to section 16.

4 First aid measures

- **General information:** No special measures required.
- **After excessive inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
 - **Information for safe handling:** No special measures required.
 - **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.

8 Exposure control/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**

64-17-5 ethanol	
WEL (Great Britain)	Long-term value: 1920 mg/m ³ , 1000 ppm

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67-63-0 propan-2-ol

WEL (Great Britain)	Short-term value: 1250 mg/m ³ , 500 ppm
	Long-term value: 999 mg/m ³ , 400 ppm

- **Additional information:** The lists valid during the making were used as basis for this document.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Gloves material**
The selection of suitable gloves does not only depend on the material, but also on further marks of quality which may vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked before use.
- **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

· **General Information**

Form:	Liquid
Colour:	Colourless
Odour:	fragrance free

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** 31.6°C

· **Ignition temperature:** Not applicable.

· **Self-igniting:** Product is not self igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined.

· **Solubility in / Miscibility with water:** Fully miscible.

· **pH-value at 20°C:** 4.5-7.5

· **Solvent content:**
VOC (EC) 38 %

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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border) :**



- **ADR/RID class:** 3 (F1) Flammable liquids.
- **Danger code (Kemler):** 30

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- **UN-Number:** 1170
- **Packaging group:** III
- **Hazard label:** 3
- **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (ethanol, ISOPROPANOL (ISOPROPYL ALCOHOL)), special provision 640E
- **Limited quantities (LQ)** LQ7
- **Transport category** 3
- **Tunnel restriction code** E

· **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1170
- **Label** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Proper shipping name:** ETHANOL (ETHYL ALCOHOL)

· **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1170
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** ETHANOL

15 Regulatory information

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.
The product has been marked in accordance with EU Directives / respective national laws.
2004/73/CE ; 2006/8/CE

· **Risk phrases:**

10 Flammable.

· **Safety phrases:**

- 2 Keep out of the reach of children.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 56 Dispose of this material and its container to hazardous or special waste collection point.

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60 This material and its container must be disposed of as hazardous waste.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

11 Highly flammable.

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

· **Training hints** PURELL® is a trademark of Johnson & Johnson and is used under license

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