

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

1.1 Product identifier

Product name : Alcohol Gel Hand Sanitiser

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

Technical function : Soldering

Application of the substance / the mixture : Brazing alloy

1.3 Details of the supplier of the safety data sheet

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 8701 202530

1.4 Emergency telephone number

+44 1865 407333

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification - EC 1272/2008 : Flam. Liq. 3: H226

2.2 Label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statement : Flam. Liq. 3: H226 - Flammable liquid and vapour.

Precautionary Statement : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Prevention : No smoking.
P233 - Keep container tightly closed.

Precautionary Statement : -

Response

Precautionary Statement : -

Storage

Precautionary Statement : P403+P235 - Store in a well-ventilated place. Keep cool.

Disposal

2.3 Other hazards

Other hazards

SECTION 3: Composition/information on ingredients

3.1. Mixtures

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		40 - 50%	Flam. Liq. 2: H225;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact	: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	: No irritation expected. May cause degreasing of skin. If so, then the use of a reconditioning cream / after-work cream may be of benefit.
Ingestion	: May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe. Only applies for large quantities (more than 5 litres)

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Ethanolamine (2-Aminoethanol)	WEL 8-hr limit ppm: 1 WEL 15 min limit ppm: 3 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 2.5 WEL 15 min limit mg/m3: 7.6 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -

Glycerol (Glycerol, mist)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Adopt best Manual Handling considerations when handling, carrying and dispensing.

Eye / face protection : No precautions required to be mentioned due to pack size
Skin protection - Handprotection : No precautions required to be mentioned.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance : Gel
Colour : Colourless
Odour : Alcoholic
pH : 7.0+/-0.5
Melting point : Not determined
Initial boiling point : Not determined
Flash point : > 28.5
Evaporation rate : Not determined
Flammability (solid, gas) : Not determined
Vapour pressure : Not determined
Vapour density : Not determined
Relative density : 0.9
Partition coefficient : No data available
Autoignition temperature : Not determined
Viscosity : Not determined
Explosive properties : Not determined
Oxidising properties : Not determined

9.2. Other information

Conductivity : No data available
Surface tension : No data available
Softening point : Not determined
Pour point : Not determined
Sublimation Point : Not determined
Gas group : Not determined
Benzene Content : Not applicable.
Lead content : Not applicable.
VOC (Volatile organic compounds) : Not determined

Water solubility

Slightly soluble in water.

SECTION 10: Stability and reactivity

10.1. Reactivity

Do NOT mix with any other product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Avoid sparks, flames, heat and sources of ignition.

10.4. Conditions to avoid

Do NOT allow to freeze. Protect from frost. Avoid sparks, flames, heat and sources of ignition. Keep away from heat. Keep away from sources of ignition - No smoking. Keep in a cool, dry, well ventilated area.

10.5. Incompatible materials

Avoid sparks, flames, heat and sources of ignition.

10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes. Will not decompose if stored and used as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: No Significant Hazard. May cause irritation to respiratory system.
Skin corrosion/irritation	: May cause degreasing of the skin.
Serious eye damage/irritation	: Only Irritating if splashed into the eyes.
Respiratory or skin sensitisation	: No Significant Hazard. May cause sensitisation by inhalation. May cause sensitisation by skin contact.
Germ cell mutagenicity	: No data is available on this product.
Carcinogenicity	: No data is available on this product.
Reproductive toxicity	: No data is available on this product.

11.1.2. Mixtures

Do NOT mix with any other product.

11.1.3. Hazard Information

No known adverse health effects.

11.1.4. Toxicological Information

No data available

No known adverse health effects.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

Partition coefficient : Alcohol Gel Hand Sanitiser - No data available

12.4. Mobility in soil

No data is available on this product.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

For small quantities:.. Flush down the drain with plenty of water. Dispose of in compliance with all local and national regulations.

Disposal of packaging

Containers can be recycled if in compliance with local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1170

14.2. UN proper shipping name

ETHYL ALCOHOL SOLUTION

14.3. Transport hazard class(es)

ADR/RID	: 3
Subsidiary risk	: -
IMDG	: 3
Subsidiary risk	: -
IATA	: 3
Subsidiary risk	: -

14.4. Packing group

Packing group : III

14.5. Environmental hazards

Environmental hazards	: No
Marine pollutant	: No

ADR/RID

Hazard ID	: 30
Tunnel Category	: (D/E)

IMDG

EmS Code	: F-E S-D
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IATA

Packing Instruction (Cargo)	: 366
Maximum quantity	: 220 L
Packing Instruction (Passenger)	: 355
Maximum quantity	: 60 L

Further information

This product is not classified as dangerous during transportation if shipped in volumes packed in 5lt containers or less.

SECTION 15: Regulatory information

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

Regulations : COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information

Other information

Revision : This document differs from the previous version in the following areas:
14 - Further information.

Text of Hazard Statements in Section 3 : Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Further information : As the application of products is outside our control, the information is given without legal responsibility. Customers should test under their own conditions to ensure the products are suitable for their own requirements. The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

Part Number
MP005025
MP005026

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