



Guest Medical

SAFETY DATA SHEET

Alcohol Hand Rub

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

1.1. Product identifier

Product name Alcohol Hand Rub, Product Codes (according to dispenser type) H8750, H8753, H8754, H8761, H8763, H8764

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

Identified uses For hand disinfection only (Professional use).

1.3. Details of the supplier of the safety data sheet

Supplier Guest Medical Limited
Unit A6, Larkfield Trading Estate, New Hythe Lane, Aylesford. Kent. ME20 6SW
T: +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri)
F: +44(0) 1622 716309
enquiries@guest-medical.co.uk

Emergency telephone number: +44 (0) 1622 791 895 (English language service only.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Flam. Liq. 3: H226

For the full text of H – Statements mentioned in this section, see Section 16

Classification according to EU Directives 67/548/EEC or 1999/45/EC

R10 Flammable

For the full text of R – Statements mentioned in this section, see Section 16

2.2. Label elements

Pictogram



Signal word Warning

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

Precautionary statements - Prevention:

- P102 – Keep out of reach of children.
- P103 – Read label before use
- P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P233 – Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment
- P241 – Use explosion-proof electrical/ventilation/lighting/equipment
- P242 – Use only non-sparking tools.
- P243 – Take precautionary measures against static discharge
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response:

- P101 – If medical advice is needed, have product container or label at hand.
- P301+P312 – IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell
- P305 + P351 + P338 IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P370 +378 – In case of fire; use alcohol resistant foam, Carbon dioxide (CO₂), use extinguishing media appropriate to the surrounding fire conditions.

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Precautionary statements – Storage:

P403+P235 – Store in a well-ventilated place. Keep cool.

Precautionary statements – Disposal:

P501 – Dispose of contents/container to a licensed waste disposal company in compliance with local and national regulations.

Supplemental label information

RCH002b For professional users only.

2.3. Other hazards: This product does not contain any PBT or vPvB substances

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Classification according to 67/548/EEC/1999/45/EC

Chemical name	Index No.	CAS No.	EC No.	Conc (%w/v)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6	60 – 70%	F; R11
Propane-1,2-diol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	1 -10%	
Glycerol (Glycerol mist)		56-81-5	200-289-5	0 – 0.5%	
2-Methylpropan-2-ol	603-005-00-1	75-65-0	200-889-7	0 – 0.5%	F; R11, Xn; R20, Xi; R36/37

Classification according to EC1272/2008

Ethanol	603-002-00-5	64-17-5	200-578-6	60 – 70%	Flam. Liq. 2: H225
Propane-1,2-diol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	1 -10%	
Glycerol (Glycerol mist)		56-81-5	200-289-5	0 – 0.5%	
2-Methylpropan-2-ol	603-005-00-1	75-65-0	200-889-7	0 – 0.5%	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.

Ingestion

Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Skin contact

No irritation expected. Seek medical attention if irritation or symptoms persist.

Eye contact

Rinse immediately with plenty of water for at least 15 minutes holding the eyelids open. Remove contact lenses if worn and easy to do so. Seek medical attention if irritation or symptoms persist.

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

May cause irritation to eyes, otherwise no specific symptoms noted.

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

If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

In case of fire; use alcohol resistant foam, Carbon dioxide (CO₂), use extinguishing media appropriate to the surrounding fire conditions.

5.2 Special hazards arising from the substance or mixture

Vapour may travel considerable distance to source of ignition and flash back.

5.2. Advice for firefighters

Wear protective gloves/protective clothing/eye protection/face protection. Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery.

6.2. Environmental precautions

Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spill area thoroughly with plenty of water. Use non-sparking tools and equipment where applicable.

6.4. Reference to other sections

For waste disposal see Section 13. For personal protection see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Vapour may travel considerable distance to source of ignition and flash back. Keep container tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Wear protective gloves/protective clothing/eye protection/face protection. Remove contaminated clothing and protective equipment before entering eating areas. Do not eat, drink or smoke in areas where this product is used or stored. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Store in correctly labelled containers in a cool, dry well-ventilated area. Keep container tightly closed. DO NOT allow to freeze.

7.3. Specific end use(s)

As indicated in section 1.2 – Restricted to professional users

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

2-Methylpropan-2-ol	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150	WEL 8-hr limit mg/m ³ : 308 WEL 15 min limit mg/m ³ : 462
Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 1920 WEL 15 min limit mg/m ³ : -
Glycerol (Glycerol mist)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 10 WEL 15 min limit mg/m ³ : -
Propane-1,2-diol (Propane-1,2-diol and particulates)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 10 WEL 15 min limit mg/m ³ : -
Propane-1,2-diol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 474 WEL 15 min limit mg/m ³ : -

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8.2. Exposure Controls

8.2.1. Appropriate engineering controls

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep containers tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Keep in a cool, dry, well ventilated area.

8.2.2. Individual protection measures

Protective equipment



Eye/face protection

In case of splashing wear approved safety goggles. Provide eye wash station.

Skin protection

Wear protective gloves/protective clothing/eye protection/face protection.

Environmental exposure controls

Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Alcoholic
pH	7.5 - 8.
Melting point	Not determined.
Flash point	25.
Solubility(ies)	Soluble in water
Oxidising properties	Not determined.

9.2. Other information

Not relevant

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions. Will not decompose if stored and used as recommended.

10.3. Possibility of hazardous reactions

Strong acids and strong bases. Strong oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames. Do not allow to freeze.

10.5. Incompatible materials

Strong acids and strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - Based on available data the classification criteria are not met.

Skin corrosion/irritation - Based on available data the classification criteria are not met.

Respiratory or skin sensitisation - Based on available data the classification criteria are not met.

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Germ Cell mutagenicity - No mutagenic effects reported.

Carcinogenicity – No carcinogenic effects reported

Reproductive toxicology – No teratogenic effects reported.

STOT – single exposure – Not classified as a specific target organ toxicant after a single exposure.

STOT – repeated exposure – Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard - Based on available data the classification criteria are not met.

11.1.4 Toxicological Information

No data available.

SECTION 12: Ecological Information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation comply(ies) with the biodegradability criteria as laid down in the Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member State and will be made available to them, at their direct request, or at the request of the detergent manufacturer.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number UN1993

14.2. UN proper shipping name: FLAMMABABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)	ADR/RID:	3
	Subsidiary risk	-
	IMDG:	3
	Subsidiary risk	-
	IATA:	3
	Subsidiary risk	-

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- 14.4. Packing group** III
- 14.5. Environmental hazards** No
- Marin pollutant** No
- 14.6. Special precautions for user** Not applicable
- 14.7. Transport in bulk according to Annex 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

Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, 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, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Revision date	26. 05. 2015
Revision	5
Supersedes date	29. 01. 2015
SDS number	12778

Text of Risk phrases in section 2 and 3

R11	- Highly flammable.
R20	- Harmful by inhalation
R36/37	- Irritating to eyes and respiratory system

Text of Hazard phrases in section 2 and 3

Flam. Liq. 2:	H225 - Highly flammable liquid and vapour.
Eye Irrit. 2:	H319 - Causes serious eye irritation.
Acute Tox. 4:	H332 - Harmful if inhaled.
STOT SE 3:	H335 - May cause respiratory irritation.

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.