

Alcohol Hand Sanitiser

Revision: 1
Revision date: 04/05/2020

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

1.1 Product identifier

Product name Alcohol hand sanitiser

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

Product use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);

1.3 Details of the supplier of the safety data sheet

Company address Personnel Hygiene Services Ltd
Block B, Western Industrial Estate, Caerphilly
CF83 1XH
United Kingdom
Web www.phsdirect.co.uk
Telephone 02920 809098
Email productinfo@phs.co.uk / productinfo@phswashrooms.ie

1.4 Emergency telephone number

Emergency telephone number 028 9267 331. In the event of a medical enquiry involving this product, please contact your GP or local A&E dept.
Ireland: National Poisons Centre, Beaumont Hospital, Dublin 9
Tel: 01 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.2 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: Prevention P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Nosmoking.

Further information

This product comes under the EC Cosmetics Directive and corresponding national legislation. Cosmetic products are not subject to EC guidelines on dangerous substances and preparations and corresponding national legislation. Avoid contact with eyes.

SECTION 3: Composition/information on ingredients

3.2 Mixtures EC 1272/2008

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	01-2119457610-43	55-65%	Flam. Liq. 2: H225;
Cosmetic product. For ingredients see INCI declaration on product label.						

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so.
Eye contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Not applicable
Eye contact	Not applicable
Skin contact	Not applicable
Ingestion	Unlikely to be harmful unless excessive amount ingested.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media Carbon dioxide (CO₂). Water jet. For large fires: Alcohol resistant foam. Water jet.

5.2 Special hazards arising from the substance or mixture Flammable Liquid.

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 Not normally required.

6.2 Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.

SECTION 6: Accidental release measures (continued)

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.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Flammable liquid. Keep away from sources of ignition - No smoking. Keep in a cool, dry, well ventilated area. Keep container tightly closed. For incompatibilities refer to section 10.4.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure Limit Values - UK

Ethanol	WEL 8-hr limit ppm	1000	WEL 8-hr limit mg/m ³	1920
	WEL 15 min limit ppm	-	WEL 15 min limit mg/m ³ :	-
	WEL 8-hr limit mg/m ³ total inhalable dust:	-	WEL 15 min limit mg/m ³ total inhalable dust:	-
	WEL 8-hr limit mg/m ³ total respirable dust:	-	WEL 15 min limit mg/m ³ total respirable dust:	-

8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

Ethanol	Occupational Exposure Limit Value (8-hour reference period)	-
	Occupational Exposure Limit Value (15-minute reference period)	1000 ppm

DNEL: Derived no-effect level.

Exposure pattern - workers

Ethanol	Acute inhalation - Local effects	1900 mg/m ³
	Long-term - inhalation - Systemic effects	950 mg/m ³
	Long-term - dermal - Systemic effects	343 mg/kg

Exposure pattern - general population

Ethanol	Acute inhalation - Local effects	950 mg/m ³
	Long-term - inhalation - Systemic effects	114 mg/m ³
	Long-term - oral - Systemic effects	87 mg/kg
	Long-term - dermal - Systemic effects	206 mg/kg

SECTION 8: Exposure controls/personal protection (continued)

8.2 Exposure controls

8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2.2 Individual protection measures	Adopt best manual handling considerations when handling, carrying and dispensing.
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Eye / face protection	Avoid contact with eyes.
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Skin protection - Hand protection	Not applicable.
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Respiratory protection	Not applicable.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Gel
Colour	Colourless
Odour	Alcoholic
pH	6-8
Melting point	Not determined
Freezing Point	Not determined
Initial boiling point	Not determined
Flash point	23°C
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable to liquids
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Viscosity	>8000 cp @20°C
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Solubility	Soluble in water
Vapour pressure	Not determined

9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	0.85 g/cm ³

SECTION 10: Stability and reactivity

10.1 Reactivity	No reactivity hazards known under normal storage and use conditions.
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10.2 Chemical stability	Stable under normal conditions.
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10.3 Possibility of hazardous reactions	No other adverse effects known.
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SECTION 10: Stability and reactivity (continued)**10.4 Conditions to avoid** Heat.**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Skin corrosion/irritation	No irritation expected.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

11.1.4 Toxicological Information

Ethanol	Dermal Rat LD50:	NDA	Oral Rat LD50:	7060 mg/kg
	Oral Mouse LD50:	3450 mg/kg	Inhalation Mouse LC50/4 h:	39g /m3
	Dermal Rabbit LD50:	NDA	Dermal Guinea Pig LD50:	NDA

SECTION 12: Ecological information**12.1 Toxicity**

Ethanol	Fish LC50/96h:	12900 mg/l
	Daphnia LC50/48h	NDA
	Algae EC50/72h:	NDA

12.2 Persistence and degradability No data is available on this product.**12.3 Bioaccumulative potential** No data is available on this product.

Partition coefficient No data is available on this product.

12.4 Mobility in soil No data is available on this product.**12.5 Results of PBT and vPvB assessment** Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.**12.6 Other adverse effects** No other adverse effects known.**SECTION 13: Disposal considerations**

General information Dispose of in compliance with all local and national regulations.

Disposal of packaging Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.

Further information European Waste Catalogue.: 20 01 30 detergents other than those mentioned in 20 01 29.

SECTION 14: Transport information

Hazard pictograms

**14.1 UN number** UN1987**14.2 UN proper shipping name** ALCOHOLS, N.O.S. (ETHANOL)

SECTION 14: Transport information (continued)

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
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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	220L
Packing Instruction (Passenger)	355
Maximum quantity	60L

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Not applicable.
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15.2 Chemical safety assessment	Cosmetic product - information available on request.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: Changes to sections 1, 3, 8, 9, 11, 12, 15
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SECTION 16: Other information

Acronyms

LC: Lethal concentration.
LD: Lethal dose.
NDA - No data available.
NOAEC: No observed adverse effect concentration.
NOAEL: No observed adverse effect level.
NOEC: No observed effect concentration.
NOEL: No observed effect level.
PBT: Persistent, bioaccumulative and toxic.
SVHC: Substance of very high concern.
vPvB: Very persistent and very bioaccumulative.
*R01 - Polymer REACH number not available.

Text of Hazard Statements in Section
3

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Further information

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.

Internal ref: F000059

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