



Companion in Hygiene Solutions

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

### 8C 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** 8C 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** Ionic Products Ltd  
**Address** Blaris Industrial Estate, Altona Road, Lisburn, Co Antrim  
BT27 5QB  
United Kingdom  
**Web** [www.ionicproductsltd.com](http://www.ionicproductsltd.com)  
**Telephone** 028 9267 3331  
**Email:** [Info@ionicproductsltd.com](mailto:Info@ionicproductsltd.com)

##### 1.4 Emergency telephone number

**Emergency telephone number** 028 9267 3331. 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. No smoking.

##### 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

Print date: 09/07/2020

#### 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.
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

	Carbon dioxide (CO <sub>2</sub> ). Water jet. For large fires: Alcohol resistant foam. Water jet.
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#### 5.2 Special hazards arising from the substance or mixture

	Flammable Liquid.
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#### 5.3 Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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### SECTION 6: Accidental release measures

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

	Not normally required.
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#### 6.2 Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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#### 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.
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#### 6.4 Reference to other sections

	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.
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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

	Avoid contact with eyes.
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#### 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.
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#### 7.3 Specific end use(s)

	No specific advice for end use available.
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### 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 <sup>3</sup>	1920
	WEL 15 min limit ppm	-	WEL 15 min limit mg/m <sup>3</sup>	-
	WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust:	-	WEL 15 min limit mg/m <sup>3</sup> total inhalable dust:	-
	WEL 8-hr limit mg/m <sup>3</sup> total respirable dust	-	WEL 15 min limit mg/m <sup>3</sup> 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**

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

**Exposure Pattern - General population**

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

**8.2 Exposure controls**

<b>8.2.1 Appropriate engineering controls</b>	Ensure adequate ventilation of the working area.
<b>8.2.2 Individual protection measures</b>	Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Eye / face protection</b>	Avoid contact with eyes.
<b>Skin protection - Hand protection</b>	Not applicable.
<b>Respiratory protection</b>	Not applicable.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

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

**9.2 Other information**

<b>Conductivity</b>	Not determined
<b>Surface tension</b>	Not determined
<b>Specific gravity</b>	0.85 g/cm <sup>3</sup>

**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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**10.4 Conditions to avoid**

	Heat.
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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

<b>Skin corrosion/irritation</b>	No irritation expected.
<b>Germ cell mutagenicity</b>	No mutagenic effects reported.
<b>Carcinogenicity</b>	No carcinogenic effects reported.
<b>Reproductive toxicity</b>	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.
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### 12.3 Bioaccumulative potential

	No data is available on this product.
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### Partition coefficient

	No data is available on this product.
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### 12.4 Mobility in soil

	No data is available on this product.
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### 12.5 Results of PBT and vPvB assessment

	Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.
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### 12.6 Other adverse effects

	No other adverse effects known.
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## SECTION 13: Disposal considerations

### General information

	Dispose of in compliance with all local and national regulations.
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### Disposal of packaging


	Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.
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### Further information

	European Waste Catalogue: 20 01 30 detergents other than those mentioned in 20 01 29.
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## SECTION 14: Transport information

### Hazard pictograms

	
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### 14.1 UN number

	UN1987
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### 14.2 UN proper shipping name

	ALCOHOLS, N.O.S. (ETHANOL)
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### 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:.
Acronyms	Changes to sections 1, 3, 8, 9, 11, 12, 15 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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