

SAFETY DATA SHEET
according to Regulation (EU) 2015/830

Pristine Alcohol Hand Sanitiser

Revision: 1
Revision date: 12/03/2020

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

1.1 Product identifier

Product name Pristine 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 Ionic Products Ltd
Blaris Industrial Estate, Altona Road, Lisburn, Co Antrim
BT27 5QB
United Kingdom
Web www.ionicproductsltd.com
Telephone 028 9267 3331
Email: Info@ionicproductsltd.com

1.4 Emergency telephone number

Emergency telephone number 028 9267 3331
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

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

| | |
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| | Carbon dioxide (CO ₂). 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. |
|--|-------------------|

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. |
|--|---|

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. |
|--|---|

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. |
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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 |

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 | Avoid contact with eyes. |
| Skin protection - Hand protection | Not applicable. |
| Respiratory protection | Not applicable. |

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**

| | |
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| | 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. |
|--|---------------------------------|

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. |
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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. |
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Disposal of packaging

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

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| | 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) |
|--|----------------------------|

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 |
|----------|---------|

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. |
|--|-----------------|

15.2 Chemical safety assessment

| | |
|--|--|
| | Cosmetic product - information available on request. |
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SECTION 16: Other information

Other information

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|---|--|
| Revision | This document differs from the previous version in the following areas: Changes to sections 1, 3, 8, 9, 11, 12, 15 |
| 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 |
|--|---|