

Sterizen Hand Sanitiser

Safety Data Sheet

according to Regulation (EC) No 1272/2008 (and) 1907/2006/(EC) & 1223/2009/(EC) & 96/335/EC

Trade name: Sterizen Hand Sanitiser

Product No:

Print date: 01/04/2020

Version: 2.0 / EN

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

1.1 Product identifier:

Substances

Product name

Sterizen Hand Sanitiser

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

Relevant identified uses

Hand Sanitiser (80% Alcohol)

1.3 Details of the supplier of the safety data sheet:

Company Identification

Azure Marketing UK

Company Address

Synergy House, Fakenham Road, Morton-on-the-Hill

Telephone

01362 695006

E-mail

sales@sterizen.com

1.4 EMERGENCY TELEPHONE NUMBER:

111, 112 or 999

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

According to Regulation (EC) No 1272/2008 [CLP]

Physical hazards; Flammable Liquids Category 2



GHS02

Signal Word DANGER

Health hazards Not Classified

Environmental hazards Not Classified

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2.2 Label elements

Globally Harmonized System, EU (GHS)
H225: Highly flammable liquid and vapour.



GHS02

WARNINGS AND PRECAUTIONS:

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

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+P378: In case of fire: Use for alcohol resistant foam or dry powder extinction .

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Description of the mixture:

Aqueous solution of Aqua, Alcohol, Glycerol & Sodium Hypochlorite

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Ingredients

Substance name	CAS No.	EC No.	Concentration (%)	SEA Class, H Phases*
Aqua (Water)	7732-18-5	231-791-2	18.425	-
Alcohol	64-17-5	200-578-6	80	Flam. Liq. 2; H225
Glycerol	56-81-5	200-289-5	1.45	-
Sodium Hypochlorite	7681-52-9	231-668-3	0.125	-

SECTION 4: First aid measures

4.1 Description of first aid measures

Ingestion: May cause discomfort if swallowed.

Drink 1 or 2 glasses of water. If symptoms persist or recur, seek medical attention.

Eye Contact: Flush thoroughly with water for 15 minutes. If symptoms persist or recur, seek medical attention.

Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.

Inhalation: N/A

4.2 Most important symptoms and effects, both acute and delayed

Inhalation No specific symptoms known.

Ingestion May cause discomfort if swallowed.

Skin contact No specific symptoms known.

Eye contact Profuse watering of the eyes

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No specific treatment. Treat symptomatically

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

The product is flammable. Use fire-extinguishing media suitable for the surrounding fire. Extinguish with foam, carbon dioxide, dry powder.

Unsuitable extinguishing media:

Water

5.2 Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Flammable Properties: Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

Explosive Limits: UEL: N/A LEL: N/A

Auto-ignition Temperature: N/A

Hazardous Combustion Products: N/A

Explosion Data (Sensitivity to Mechanical Impact): N/A

Explosion Data (Sensitivity to Static Discharge): N/A

5.3 Advice for fire-fighters

Protective actions during firefighting; Avoid breathing fire gases or vapours. Contain and collect extinguishing water. Move containers from fire area if it can be done without risk. Fight fire from safe distance or protected location.

Additional information: Use air-supplied respirator, gloves and protective goggles. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and prolonged skin contact.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.2 Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible, without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

6.4 Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Protect against direct sunlight.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Keep away from food, drink and animal feeding stuffs. Protect from freezing and direct sunlight. Store at temperatures not exceeding 50°C. Protect from freezing and direct sunlight.

7.3 Specific end uses

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available.

Recommended Exposure Guidelines: N/A

Engineering Controls: N/A

Personal Protective Equipment (PPE): N/A

Eye/Face Protection: None required with normal household use.

Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

Skin Protection: None required with normal household use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

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8.2 Exposure controls

No special precautions for casual exposure.

Ventilation Local Exhaust: None required with normal consumer use. Special: None

Industrial (General): Normal/general dilution ventilation is acceptable. Other: None

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (colour, physical form, shape): liquid

Odour: specific

Solubility in Water: Complete

pH %100: 5,00-7,00 (20°C , ±0.2)

Flash Point: 21°C

9.2 Other information:

No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂).

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral	LD50	10470 mg/kg (rat)
Inhalation	LC50	124.7 mg/L/4h
Dermal	LD50	>15800 mg/kg (rabbit)

Skin Irritation: Not irritating to skin

Eye Irritation: It can irritate the eyes.

Respiratory Irritation: Data not available

Mutagenicity: Not mutagenic.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: This finished product is not carcinogenic.

SECTION 12: Ecological information

Generally, this product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities.

12.1 Toxicity:

Aquatic toxicity N.D.A.

12.2 Persistence and degradability

This product is readily biodegradable.

12.3 Bioaccumulate potential

Bioconcentration factor (BCF). Not expected to bioaccumulate.

12.4 Mobility in soil

The product is miscible with water. May spread in water systems.

12.5 Other

Behavior in environmental systems: Not determined

Ecotoxic effects: Not determined

Behavior in sewage processing plants: Not determined

12.6 Other adverse effects:

No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Note: DISPOSAL SHOULD BE IN ACCORDANCE WITH NATIONAL AND LOCAL REGULATIONS
Non-Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be permitted to be flushed down sewer. First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

SECTION 14: Transport information

14.1. UN number: 1170

14.2. UN proper shipping name: ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION

14.3. Transport hazard class(es): 3 (F1) Flammable liquids

14.4. Packing group: II

14.5. Environmental hazards: Product does not have any environmental hazards.

14.6. Special precautions for user. Provisions for dangerous goods (ADR) should be complied.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

Transport of dangerous goods by road, rail and inland waterway

(ADR, RID, ADN) UN number 1170

Proper shipping name ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION

Details in the transport document UN1170, ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION, 3, II

Class 3

Classification code F1

Packing group II

Hazard label(s) 3

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SECTION 15: Regulatory information

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

COSMETIC REGULATION

INTERNATIONAL MATERIAL SAFETY DATA SHEET REGULATION

EU Cosmetics Directive 76/768/EEC;

New EU Cosmetic Products Regulation (EC) No 1223/2009;

REACH Regulation (EC) No 1907/2006; All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

The Biocidal Products Regulation (BPR, Regulation (EU) 528/2012)

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

Risk Phrases

H225: Highly flammable liquid and vapour.

-Caution Phrase

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

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+P378: In case of fire: Use for alcohol resistant foam or dry powder extinction .

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- Abbreviations and acronyms used in the safety data sheet;

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC₅₀: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulate and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulate

*N/A. - Not Applicable *N/K. - Not Known *N.D.A.-No Data Available

DISCLAIMER: This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.