

SAFETY DATA SHEET

Alcohol free sanitizer

Version 1.0

Revision Date 2015/05/18

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Alcohol free sanitizer

Recommended use of the chemical and restriction on use

Recommended use*: Hand Sanitizer

* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

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Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition/Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

The product contains:

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
7732-18-5	94.0 - 95.0%	water
56-81-5	1.0 - 3.0 %	glycerol
9012-19-5	1.0 - 2.0 %	cellulose
102-71-6	0.5 - 1.5 %	triethanolamine
61788-85-0	0.2 - 0.5 %	ethoxylated hydrogenated castor oil
8001-54-5	0.1 - 0.3 %	Benzalkonium Chloride
NA	0.1 - 0.3 %	Fragrance

4. First-Aid Measures

Description of first aid measures

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Wash off thoroughly with plenty of water.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

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Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, carbon dioxide, foam, dry powder

Unsuitable extinguishing media for safety reasons:

No data available.

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, fumes/smoke

The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of contaminated material as prescribed.

Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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7. Handling and Storage

Precautions for safe handling

Avoid contact with eyes.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

No information available. .

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE)

Further information on storage conditions: Keep container tightly closed; store in a cool place. Protect from the effects of light.

8. Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

none

Exposure controls

Personal protective equipment

Respiratory protection:

No personal respiratory protective equipment normally required.

Hand protection:

Not required. This product is intended to come in contact with the skin.

Eye protection:

Not required for normal use.

General safety and hygiene measures

For bulk processing, regular hand washing along with general body-covering clothing, safety goggles and gloves are recommended as good industrial hygiene practice.

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9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form:	liquid
Color:	colorless
Odor:	perfumed
Odor threshold:	
	not determined
pH value:	not determined
Melting point:	not determined
Boiling range:	not determined
Flash point:	not determined
Evaporation rate:	
	not determined
Flammability:	non-flammable.
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Ignition temperature:	not determined
Vapour pressure:	not determined
Density:	not determined
Solubility in water:	miscible

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

No conditions to avoid anticipated..

Incompatible materials

Substances to avoid:
strong oxidizing agents

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Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

No data available.

Irritation

No data available.

Respiratory/Skin sensitization

No data available.

Carcinogenicity

Assessment of carcinogenicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Reproductive toxicity

Assessment of reproduction toxicity:

No data available.

Developmental toxicity

No data available.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

No data available.

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Aspiration hazard

No aspiration hazard expected.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. There is a high probability that the product is not chronically harmful to aquatic organisms.

Persistence and degradability

No data available

Bioaccumulative potential

Assessment bioaccumulation potential:

Significant accumulation in organisms is not to be expected.

Mobility in soil (and other compartments if available)

No data available

13. Disposal Considerations

Waste treatment methods

Observe national and local legal requirements.

14. Transport Information

Land transport

ADR

Not classified as a dangerous good under transport regulations

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RID

Not classified as a dangerous good under transport regulations

Inland waterway transport

ADN

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): not hazardous

NFPA Hazard codes:

Health : 0 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 0 Flammability: 1 Physical hazard: 0

16. Other Information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.