

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU)
2015/830 Revision date: 26/03/2020 Version: 10.3

Issued: 23/05/2020
Revision No: 01

ALCOHOL GEL HAND SANITISER**B4303****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Company Name:	BlueOcean Global Unit 8, Axial Way, Easter Park, Colchester, Essex CO4 5WY
Product Name:	Hand Sanitiser
Use / description of product:	Alcoholic Gel solution to WHO specification.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1:	Ethanol 70-94% (CAS No) 64-17-5 EINECS: 200-578-6 [F] R11; [Xi] R36; [-] R67;
Ingredient 2:	HYDROGEN PEROXIDE SOLUTION <0.125% CAS: 7722-84-1 EINECS: 231-765-0 [O] R8; [C] R34;
Contains:	Purified Water and glycerol, Carbopol Aqua SF1, NaHCO ₃

3. HAZARDS IDENTIFICATION

Main hazards:	Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.
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4. FIRST AID MEASURES (SYMPTOMS)

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be confusion, aggressive behaviour, slurred speech and staggering walk. Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting. Convulsions may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

4. FIRST AID MEASURES (ACTION)

Skin contact:	Respiratory irritation. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye contact:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion:	If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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5. FIRE-FIGHTING MEASURES

Extinguishing media:	Carbon dioxide. Alcohol resistant foam.
Exposure hazards:	Highly flammable. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide and carbon monoxide.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Eliminate all sources of ignition.
Environmental precautions:	Contain the spillage using bunding.
Clean-up procedures:	Mix with sand or vermiculite. Wash the spillage site with large amounts of water. For small spills, absorb on to paper and allow to evaporate in a fume cupboard.

7. HANDLING AND STORAGE

Handling requirements:	Ensure there is sufficient ventilation of the area. Smoking is forbidden.
Storage conditions:	Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition.
Suitable packaging:	Polyethylene. Should be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles. Ensure eye bath is to hand.
Skin protection:	Light overalls
TWA (8 hr exposure limit):	1920 mg/m ³ (Ethanol) 1.4mg/m ³ (hydrogen peroxide)
STEL (15 min exposure limit):	2.8 mg/m ³ (hydrogen peroxide)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid
Colour:	Colourless
Odour:	Alcoholic
Oxidising:	Not determined
Evaporation rate:	Not determined
Solubility in water:	Not determined
Also soluble in:	Not determined
Boiling point/range°C:	Not determined
Melting point/range°C:	Not determined
Flammability limits %:	lower: Not determined upper: Not determined
Flash point°C:	19 – 21
Autoflammability°C:	Not determined
Vapour pressure:	Not determined
Relative density:	Not determined

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10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat. Sources of ignition. Flames.
Materials to avoid:	Oxidising agents.
Haz. decomp. products:	In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
pH:	5-7
Serious eye damage/irritation:	Not classified
pH:	5-7
Respiratory or skin sensitisation:	Based on available data the classification criteria are not met
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity (single exposure):	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration hazard:	Not classified


12. ECOLOGICAL INFORMATION

Mobility:	Soluble in water.
Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No data available on bioaccumulation.
Other adverse effects:	The product is not expected to be hazardous to the environment. The product is not expected to be toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
No additional information available

14. TRANSPORT INFORMATION

ADR / RID	
UN no:	1170
ADR Class:	3
Hazard ID no:	33
Labelling:	
Shipping name:	Ethanol
IMDG / IMO	
UN no:	1170
Class:	3
Packing group:	II
EmS:	3-06
Marine pollutant:	NO
Labelling:	Ethanol

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14. TRANSPORT INFORMATION [cont.]

IATA / ICAO	
UN no:	1170
Class:	3
Packing group:	II
Quantity:	5L
Labelling:	Ethanol

15. REGULATORY INFORMATION

Hazard symbols:



Irritant



Highly flammable

Risk phrases:

R11: Highly flammable.

R36: Irritating to eyes.

Safety phrases:

S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk phrases used in S.2:

R11: Highly flammable.

R36: Irritating to eyes.

R8: Contact with combustible material may cause fire.

R34: Causes burns.

The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

LEGAL DISCLAIMER: THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. THIS COMPANY SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.