

SAFETY DATA SHEET
ALCOHOL HAND SANITISER

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: ALCOHOL HAND SANITISER

Product code: 222

Use of substance / preparation: 222 : A fast drying alcohol based hand sanitiser with triclosan. Contains conditioners for frequent use.

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2. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Vapours may cause drowsiness and dizziness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ETHANOL 10-30%
EINECS: 200-578-6 CAS: 64-17-5
[F] R11

- PROPAN-2-OL 30-50%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67
- TRICLOSAN <1%
EINECS: 222-182-2 CAS: 3380-34-5
[Xi] R36/38; [N] R50/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: No symptoms.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Drowsiness or mental confusion may occur.

4. FIRST AID MEASURES (ACTION)

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to

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drink immediately. 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 conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Water spray. Carbon dioxide.

Exposure hazards: Highly flammable. In combustion emits toxic fumes of carbon dioxide.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Mix with sand or vermiculite.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Stainless steel. Polyethylene. Teflon. Aluminium containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ETHANOL
WEL (8 hr TWA): 1920 mg/m³
• PROPAN-2-OL
WEL (8 hr TWA): 999 mg/m³ WEL (15 min STEL): 1250 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Also soluble in: Ethanol.

Viscosity: Viscous

Melting point/range°C: -23
Flammability limits %: lower: 2
upper: 12
Flash point°C: 20
Autoflammability°C: 425
Relative density: 0.9 - 0.91
pH: 6.5 - 8.0
VOC g/l: 480

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Sources of ignition.
Materials to avoid: Strong oxidising agents.
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ETHANOL
IVN RAT LD50 1440 mg/kg
ORL MUS LD50 3450 mg/kg
ORL RAT LD50 7060 mg/kg

- PROPAN-2-OL
IVN RAT LD50 1088 mg/kg
ORL MUS LD50 3600 mg/kg
ORL RAT LD50 5045 mg/kg
SCU MUS LDLO 6 gm/kg

12. ECOLOGICAL INFORMATION

Mobility: Volatile. Soluble in water.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1987
Packing group: II
ADR Class: 3
Classification code: F1

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ALCOHOL HAND SANITISER**Shipping name:** ALCOHOLS, N.O.S. (PROPAN-2-OL)**Labelling:** 3**Hazard ID no:** 33**IMDG / IMO****UN no:** 1987**Class:** 3**Packing group:** II**EmS:** F-E,S-D**Marine pollutant:** .**Labelling:** 3**IATA / ICAO****UN no:** 1987**Class:** 3**Packing group:** II**Packing instructions:** 305(P&CA); 307(CAO)**Labelling:** 3**15. REGULATORY INFORMATION****Hazard symbols:** Highly flammable.**Risk phrases:** R11: Highly flammable.

R67: Vapours may cause drowsiness and dizziness.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.**Haz. ingredients (label):** PROPAN-2-OL; TRICLOSAN**Seveso II guideline:** Yes**Water hazard class:** 1 Classification by VwVwS**Air emission directive:** Amount m%: 48**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. OTHER INFORMATION****Other information:** 6 x 1 Ltr Limited quantity for ADR
6 x 300ml Limited quantity for ADR
6 x 250ml Limited quantity for ADR

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Risk phrases used in s.3: R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.
R36/38: Irritating to eyes and skin.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

