

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 / description of product: 222 : A fast drying alcohol based hand sanitiser with triclosan. Contains conditioners for frequent use.

Company name: Clover Chemicals Ltd
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPAN-2-OL 30-50%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67

3. HAZARDS IDENTIFICATION

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

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 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.

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: PROPAN-2-OL
WEL (8 hr exposure limit): 999 mg/m³ WEL (15 min exposure limit): 1250 mg/m³

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

Respiratory protection: Respiratory protection not required.

Eye protection: Safety glasses.

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

Flash point°C: 20 DEGREES C

Relative density: 0.9 - 0.91

pH: 6.5 - 8.0

VOC g/l: 480

[cont...]

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: 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	ADR Class: 3
Packing group: II	Classification code: F1
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

[cont...]

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.
Irritant.



Risk phrases: R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.

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 500 ML ; NOT SUBJECT TO ADR
6 X 1 LTR : NOT SUBJECT TO ADR

Risk phrases used in s.2: R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.

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.