

SAFETY DATA SHEET

MEDISAN HAND SANITISER

Issued: 01/05/08

Revision No: 1

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

Product name: MEDISAN HAND SANITISER

Product code: 61262

Use / description of product: Highly flammable. Irritant.

Company name: Klaremont Ltd

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London

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Tel: 02089712012

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPAN-2-OL 50-70%

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.

Other hazards: Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Not normally a problem as the product is designed for skin contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Although this is unlikely in the case of a 500ml container.

4. FIRST AID MEASURES (ACTION)

Skin contact: If any irritation occurs, seek medical advice.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Drink a few glasses of milk or water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms persist seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

[cont...]

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: Refer to section 8 of SDS for personal protection details. Small spillages should be flooded with copious amounts of water. 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. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: PROPAN-2-OL
TWA 999 mg/m³ STEL 1250 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Provide adequate general and local exhaust ventilation.

Hand protection: Product is designed for cleaning hands. Many chemicals even in low concentrations can cause allergic reactions. If this is the case, please cease to use the product, and wash hands with water. Seek medical attention if irritation persists.

Eye protection: Eye protection not required.

Skin protection: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Alcoholic

Viscosity: Highly viscous

Boiling point/range°C: 85-90 °C

Flash point°C: 19 °C

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

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

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

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

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: 1219	ADR Class: 3
Packing group: II	Classification code: F1
Shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)	
Labelling: 3	Hazard ID no: 33

**IMDG / IMO**

UN no: 1219	Class: 3
Packing group: II	EmS: 3-06
Marine pollutant: NO	Labelling: 3

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IATA / ICAO

UN no: 1219 Packing group: II Labelling: 3	Class: 3 Packing instructions: 305(P&CA); 307(PAO)
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15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.

Irritant.



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

Safety phrases: S2: Keep out of the reach of children.
 S3/7: Keep container tightly closed in a cool place.
 S16: Keep away from sources of ignition - No smoking.
 S25: Avoid contact with eyes.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S46: If swallowed, seek medical advice immediately and show this container or label.

Precautionary phrases: Safety data sheet available for professional user on request.

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

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.