



SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 1

Compilation date: 29/04/2020

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ALCOHOL HAND SANITISER

Product code: ALHSGEN

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: WHO recommended handrub formulation PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Company name: J.V. Barrett & Co Ltd

St Ivel Way

Warmley

Bristol

BS30 8TY

United Kingdom

Tel: 01179600060

Fax: 01179352437

Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 2: H225

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

[cont...]

SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 2

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271: Use only outdoors or in a well-ventilated area.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents and container to a hazardous or special waste collection point.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

PROPAN-2-OL - REACH registered number(s): 01-2119457558-25-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|---------|-----------|---|---------|
| 200-661-7 | 67-63-0 | - | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336 | 70-95% |

GLYCEROL - REACH registered number(s): 01-2119471987-18-XXXX

| | | | | |
|-----------|---------|--|---|-------|
| 200-289-5 | 56-81-5 | Substance with a Community workplace exposure limit. | - | 1-10% |
|-----------|---------|--|---|-------|

Section 4: First aid measures

4.1. Description of first aid measures

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

Ingestion: Rinse out mouth with water. Do not induce vomiting. If feeling unwell after ingestion occurs seek medical advice

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

[cont...]

SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 3

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Treat Symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

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SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 4

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|------------------------|------------|--------------|
| UK | 999 mg/m ³ | 1250 mg/m ³ | - | - |

DNEL/PNEC Values

Hazardous ingredients:

PROPAN-2-OL

| Type | Exposure | Value | Population | Effect |
|------|------------------------------------|-----------------------|------------|----------|
| DNEL | Dermal (repeated dose) | 888 mg/kg/d | Workers | Systemic |
| DNEL | Inhalation (repeated dose) | 500 mg/m ³ | Workers | Systemic |
| DNEL | Dermal (repeated dose) | 319 mg/kg/d | Consumers | Systemic |
| DNEL | Inhalation (repeated dose) | 89 mg/m ³ | Consumers | Systemic |
| DNEL | Oral (repeated dose) | 26 mg/kg/d | Consumers | Systemic |
| PNEC | Fresh water | 140.9 mg/l | - | - |
| PNEC | Marine water | 140.9 mg/l | - | - |
| PNEC | Soil (agricultural) | 25 mg/kg | - | - |
| PNEC | Microorganisms in sewage treatment | 2251 mg/l | - | - |
| PNEC | Oral | 160 mg/kg food | - | - |
| PNEC | Fresh water sediments | 552 mg/kg | - | - |
| PNEC | Marine sediments | 552 mg/kg | - | - |

8.2. Exposure controls

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

Eye protection: Safety glasses.

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SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 5

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Alcoholic

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Also soluble in: Most organic solvents.

Boiling point/range°C: ~ 82

Melting point/range°C: ~ -89

Flammability limits %: lower: ~ 2

upper: ~ 12

Flash point°C: 21 cc

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: ~ 425

Vapour pressure: No data available.

Relative density: No data available.

pH: No data available.

VOC g/l: 588

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

[cont...]

SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 6

11.1. Information on toxicological effects

Hazardous ingredients:

PROPAN-2-OL

| | | | | |
|---------|-----|---------|-------|-------|
| DERMAL | RBT | LD50 | 16.4 | ml/kg |
| ORAL | RAT | LD50 | 5840 | mg/kg |
| VAPOURS | RAT | 6H LC50 | 10000 | ppm |

Relevant hazards for product:

| Hazard | Route | Basis |
|-------------------------------|-------|-----------------------|
| Serious eye damage/irritation | OPT | Hazardous: calculated |
| STOT-single exposure | - | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

PROPAN-2-OL

| | | | |
|---------|----------|---------|-----|
| DAPHNIA | 24H EC50 | 10 | g/l |
| FISH | 96H LC50 | 9.64-10 | g/l |

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

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SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 7

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of in accordance with Local Authority requirements.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1219

14.2. UN proper shipping name

Shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Retail packs require a tactile warning triangle. HSE CRITICAL SITUATION PERMIT UKCSP-2020-01

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

[cont...]

SAFETY DATA SHEET

ALCOHOL HAND SANITISER

Page: 8

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment
Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or 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.