

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

1.1. Product identifier

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

Product name: HAND SANITISER

Use of substance / mixture: Alcohol based, ready-to-use, water soluble, hand rub disinfectant.

1.3. Details of the supplier of the safety data sheet

Company name: RESAPOL BUILDING SOLUTIONS

Unit D4

Moss Industrial Estate

Leigh

WN7 3PT

United Kingdom

Tel: +44 (0)1942 609 001

Fax: +44 (0)1942 674 799

Email: info@resapol.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1942 609 002

(office hours only)

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; -: EUH066

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.

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.

EUH066: Repeated exposure may cause skin dryness or cracking.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



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Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.

P261: Avoid breathing vapours.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301: IF SWALLOWED:

P313: Get medical advice/attention.

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.

P370+P378: In case of fire: Use foam, carbon dioxide or dry powder to extinguish.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTRE or doctor if you feel unwell.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P501: Dispose of contents/container to comply with local regulations.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

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

Hazardous ingredients:

PROPAN-2-OL

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	50-70%

Contains: PROPAN-2-OL

Section 4: First aid measures

4.1. Description of first aid measures

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Give plenty of water to drink. Obtain medical attention.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention if any discomfort continues.

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

Skin contact: Prolonged or repeated contact may dry skin and cause irritation.

Eye contact: May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

Ingestion: May cause discomfort if swallowed. Nausea and stomach pain may occur.

Inhalation: Vapours may cause drowsiness and dizziness.

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

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Immediate / special treatment: Treat symptomatically.

Extinguishing media: Use Foam, Carbon Dioxide or Dry Powder for extinction.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Exposure hazards: Highly flammable.

Advice for fire-fighters: Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with eyes. Avoid inhalation of vapours. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Inform respective local authorities in case of seepage into water course or sewage system

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: See section 8 of the SDS for Personal Protective Equipment.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Keep away from sources of ignition. Avoid contact with eyes. Avoid inhalation of vapours.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Specific end use(s): See Section 1.2

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

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Not required.

Eye protection: None required if care is taken not to splash in eyes when pouring or using.

Skin protection: None required.

Environmental: No special requirement.

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: No data available.

Solubility in water: Soluble

Viscosity: Viscous

Kinematic viscosity: 2.3 cSt

Viscosity test method: Kinematic viscosity in 10-6 m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: >35

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: <23

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Autoflammability°C: No data available.

Relative density: 0.882

VOC g/l: No data available.

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

Vapour pressure: No data available.

pH: Approx. 7

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: None.

Reactivity: Stable under recommended transport or storage conditions. There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Hazardous reactions: See sections 10.1, 10.4 and 10.5

Conditions to avoid: Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Haz. decomp. products: No known hazardous decomposition products.

Section 11: Toxicological information

11.1. Information on toxicological effects

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

Relevant hazards for product:

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

Symptoms / routes of exposure

Skin contact: Prolonged or repeated contact may dry skin and cause irritation.

Eye contact: May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

Ingestion: May cause discomfort if swallowed. Nausea and stomach pain may occur.

Inhalation: Vapours may cause drowsiness and dizziness.

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

Other information: The severity of the symptoms described will vary dependant on the concentration and length of exposure. Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: This product, at use dilutions, is readily broken down in biological effluent treatment plants.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Mobility: Not determined.

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

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Other adverse effects: Not determined.

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

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

Section 14: Transport information

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14.1. UN number

UN number: UN1987

14.2. UN proper shipping name

Shipping name: ALCOHOLS, N.O.S.
(PROPAN-2-OL)

14.3. Transport hazard class(es)

14.4. Packing group

Transport class: 3

Packing group: II

14.5. Environmental hazards

14.6. Special precautions for user

Environmentally hazardous: No

Marine pollutant: No

Special precautions: EmS=F-E, S-D

Tunnel code: D/E

Transport category: 2

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Section 15: Regulatory information

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

Transport in bulk: Not relevant for a packaged product.

Specific regulations: Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006). The product is as classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products. [BPR]

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.

Section 16: Other information

Other information

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

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

[cont...]

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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.