

SAFETY DATA SHEET

HAND SANITISER GEL

70%

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Compilation date: 14/05/2020

Revision date: FIRST ISSUE

Revision No: 0

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

1.1. Product identifier

Product name: HAND SANITISER GEL 70%

Product code: Mixture

Synonyms: HAND GEL

Biocide conforms to EN 1500

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

Use of substance / mixture: Solvent for industrial use.

1.3. Details of the supplier of the safety data sheet

Company name: Ribble Technology (Preston) Limited

2 Brierley Street

Ashton on Ribble

Preston

Lancashire

PR2 2AU

Tel: 01772 202227

Email: info@paint-strip.co.uk

1.4. Emergency telephone number

Emergency tel: 01772 202227 (Office Hours Only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: F: R11; Xn: R20/21/22; Xn: R68/20/21/22

Classification under CLP: Flam. Liq. 2: H225; Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 2: H371; Acute Tox. 4: H312; Acute Tox. 4: H332

Most important adverse effects: Highly flammable. Harmful by inhalation and if swallowed. Harmful: possible risk of irreversible effects through inhalation and if swallowed.

2.2. Label elements

Label elements under CLP:

Hazard statements: H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

[cont...]

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H332: Harmful if inhaled.

H319: Causes serious eye irritation.

H371: May cause damage to organs .

Signal words: Danger

Hazard pictograms: GHS07: Exclamation mark

GHS02: Flame

GHS08: Health hazard



Precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P243: Take precautionary measures against static discharge.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Label elements under CHIP:

Hazard symbols: Highly flammable.

Harmful.



Risk phrases: R11: Highly flammable.

R20/22: Harmful by inhalation and if swallowed.

R68/20/22: Harmful: possible risk of irreversible effects through inhalation, and if swallowed.

Safety phrases: S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

[cont...]

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Hazardous ingredients:

ETHANOL TSDA 3 - REACH registered number(s): 01-2119475610-43

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-578-6	64-17-5	F: R11 Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	>69%
Ec No 231-765-0	Cas 7722-84-1	Hydrogen peroxide	H272,H314,H319	0.125%
Ec No 200-289-5	Cas 56-81-5	Glycerine	NON HAZ	1%
Carbapol Aqua SF1		NON HAZ THICKENER	7.5%	

Section 4: First aid measures

4.1. Description of first aid measures

Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

Ingestion: Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice.

DO NOT INDUCE VOMITING. Get medical attention immediately.

Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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

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. Nausea and stomach pain may occur. There may be vomiting.

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: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

[cont...]

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5.2. Special hazards arising from the substance or mixture

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.

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: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. 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.

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. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: 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.

7.2. Conditions for safe storage, including any incompatibilities

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.

Suitable packaging: Steel drums. Stainless Steel. Polyethylene containers.

7.3. Specific end use(s)

Specific end use(s): No data available.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

State	Respirable dust	
	8 hour TWA	15 min. STEL
UK	1920 mg/m ³	-

Respirable dust

Hazardous ingredients:

ETHANOL

Workplace exposure limits:

State	Respirable dust	
	8 hour TWA	15 min. STEL
UK	1920 mg/m ³	-

Respirable dust

8.2. Exposure controls

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Alcoholic

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Also soluble in: Chloroform. Acetone. Diethyl ether.

Viscosity: Non-viscous

Boiling point/range°C: 77-79

Melting point/range°C: -114

Flammability limits %: lower: 3.30

upper: 19.0

Flash point°C: <23

Part.coeff. n-octanol/water: 0.32

Autoflammability°C: >363

Vapour pressure: Not Available

Relative density: 0.86

[cont...]

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9.2. Other information

Other information: Not applicable.

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. Stable at room temperature.

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: 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 of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH ING	Hazardous: calculated

Symptoms / routes of exposure

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. Nausea and stomach pain may occur. There may be vomiting.

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

Ecotoxicity values: Not applicable.

[cont...]

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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

14.1. UN number

UN number: UN1170

14.2. UN proper shipping name

Shipping name: ETHANOL BASED GEL (ETHYL ALCOHOL GEL) TSDA 3

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

[cont...]

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Section 15: Regulatory information

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

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: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

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

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H371: May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R11: Highly flammable.

R20/22: Harmful by inhalation and if swallowed.

R23/24/25: Toxic by inhalation and if swallowed.

R68/20/22: Harmful: possible risk of irreversible effects through inhalation and if swallowed.

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.

