

# SAFETY DATA SHEET

## Hand Sanitiser

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name: Hand Sanitiser

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

Identified uses: Hand Sanitiser

#### 1.3. Details of the supplier of the safety data sheet

Supplier: AdCo UK Limited  
Passfield Business Centre,  
Lynchborough Road, Passfield  
Hampshire  
GU30 7SB  
Tel: 01428 751755

#### 1.4. Emergency telephone number

Emergency telephone: +44 (0) 1428 751755 (During business hours 9am to 5pm)

National emergency telephone:

NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture - Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2

Health hazards Eye Irrit. 2, STOT SE 3

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard Pictograms



Signal Word Danger

Hazard Statements H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Contains Ethanol, Propan-2-ol

Precautionary statements P101 If medical advice is needed, have product container or label at hand.

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

P280 Wear eye protection

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.

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P501 Dispose of contents/ container in accordance with local regulations.

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

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Ethanol 40-50%

CAS Number: 64-17-5

EC Number: 200-578-6

Classification: Flam. Liq. 2 (H225)

Propan-2-ol 25-30%

CAS Number: 67-63-0

EC Number: 200-661-7

Classification: Flam. Liq. 2 (H225), Eye Irrit. 2 (H319), STOT SE 3 (H336)

2-Methylpropan-2-ol <1%

CAS Number: 75-65-0

EC Number: 200-889-7

Classification: Flam. Liq. 2 (H225), Acute Tox. 4 (H332), Eye Irrit. 2 (H319), STOT SE 3 (H335)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	Inhalation may cause drowsiness or dizziness.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific symptoms known.
Eye contact	Causes serious eye irritation.

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

Notes for the doctor: Treat symptomatically.

### SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

Water mist, carbon dioxide or foam. Highly flammable liquid and vapour. Avoid using water jets which may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Carbon monoxide and dioxide, water vapour (steam).

### 5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Do not discharge into drains or watercourses.

### 6.3. Methods and material for containment and cleaning up

Collect spillage with absorbent mats and wash down affected area with water.

### 6.4. Reference to other sections

None noted.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid inhalation and contact with eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, cool well-ventilated place. Keep only in the original container.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

Workplace Exposure Limits

Ethanol

Long term exposure limit (8hr TWA) 400 ppm, 1920 mg/m<sup>3</sup>

Propan-2-ol

Long term exposure limit (8hr TWA) 400 ppm, 999 mg/m<sup>3</sup>

Short term exposure limit (15min TWA) 500 ppm, 1250 mg/m<sup>3</sup>

2-Methylpropan-2-ol

Long term exposure limit (8hr TWA) 100 ppm, 308 mg/m<sup>3</sup>

Short term exposure limit (15min TWA) 150 ppm, 462 mg/m<sup>3</sup>

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### 8.2. Exposure controls

#### Protective equipment



Eye/face protection

Use eye protection when handling.

Hand protection

Use gloves when handling.

Hygiene measures

Wash hands thoroughly after handling.

Respiratory protection

Not normally required.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Alcoholic
pH	Not measured.
Melting point	No information available.
Initial boiling point and range	>35°C.
Flash point	<23°C.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	Not relevant.
Upper/lower flammability or explosive limits	No information available.
Other flammability	Not relevant.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	<1
Solubility(ies)	Miscible with water.
Viscosity	More than water.
Explosive properties	Not considered to be explosive.
Oxidising properties:	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

None noted.

## SECTION 10: Stability and reactivity

## Hand Sanitiser

### 10.1. Reactivity

Contains alcohol (ethanol, propan-2-ol). No specific reactivity noted.

### 10.2. Chemical stability

Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

None known. Will not polymerise.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Skin corrosion/irritation - Based on available data the classification criteria are not met.

Serious eye damage/irritation - Causes serious eye irritation.

Respiratory sensitisation - Based on available data the classification criteria are not met.

Skin sensitisation - Based on available data the classification criteria are not met.

Genotoxicity - in vitro - Based on available data the classification criteria are not met.

Genotoxicity - in vivo - Based on available data the classification criteria are not met.

Carcinogenicity - Based on available data the classification criteria are not met.

Reproductive toxicity (fertility) - Based on available data the classification criteria are not met.

Reproductive toxicity (development) - Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure - Inhalation of fumes may cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure - Based on available data the classification criteria are not met.

Aspiration hazard - Not anticipated to present an aspiration hazard.

Acute and chronic health hazards - This product has low toxicity. LD<sub>50</sub> > 5000 mg/kg. Only large quantities are likely to have adverse effects on human health.

Inhalation - May cause drowsiness or dizziness.

Ingestion - May cause intoxication if swallowed.

Skin contact - Prolonged and frequent contact may cause redness and irritation.

Eye contact - Causes serious eye irritation

## SECTION 12: Ecological Information

Ecotoxicity

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

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### 12.1. Toxicity

The product is expected to have low aquatic toxicity

### 12.2. Persistence and degradability

The product is expected to be biodegradable.

### 12.3. Bioaccumulative potential

The product is not bioaccumulating.

### 12.4. Mobility in soil

The product is miscible with water and will disperse in water systems.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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## SECTION 14: Transport information

General	The product is covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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This product may be consigned under the limited quantity provisions of ADR in primary containers of up to 1L.

### 14.1. UN number

1987

### 14.2. UN proper shipping name

ALCOHOLS N.O.S. (Ethanol Propan-2-ol)

### 14.3. Transport hazard class(es)

3

### 14.4. Packing group

II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to. Annex II of MARPOL 73/78 and the IBC Code.

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### SECTION 15: Regulatory information

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

National regulations	EH40/2020 Workplace exposure limits.
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Authorisations (Title VII Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Title VIII Regulation 1907/2006)	No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

Not yet carried out.

### SECTION 16: Other information

Revision date 18/04/2020

Revision 1

SDS number

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.