



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
Product number	IHS100
Internal identification	WHO1/ETOH

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

Identified uses	Hand Sanitiser
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1.3. Details of the supplier of the safety data sheet

Supplier	Autoglym Works Road Letchworth Herts SG6 1LU UK +44 (0)1462 677766 +44 (0)1462 677712 sds@autoglym.com
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1.4. Emergency telephone number

Emergency telephone	+44 (0) 1462 489498 (24Hrs)
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SECTION 2: Hazards identification

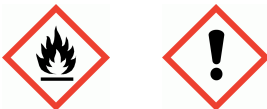
2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 2 - H225
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Danger
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Hazard statements	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
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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.
 P233 Keep container tightly closed.
 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.

Supplementary precautionary statements P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Non Hazardous Material

3.2. Mixtures

Ethanol			60-100%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	
Classification			
Flam. Liq. 2 - H225			
Glycerine			1-5%
CAS number: 56-81-5	REACH registration number: 01-2119471987-18-XXXX		
Classification			
Not Classified			
Hydrogen peroxide solution			<1%
CAS number: 7722-84-1	EC number: 231-765-0	REACH registration number: 01-2119485845-22-XXXX	
Classification			
Ox. Liq. 1 - H271			
Acute Tox. 4 - H302			
Acute Tox. 4 - H332			
Skin Corr. 1A - H314			
Eye Dam. 1 - H318			
STOT SE 3 - H335			
Aquatic Chronic 3 - H412			

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

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Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation	The product contains organic solvents. Vapours may cause drowsiness and dizziness. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. May cause discomfort. Nausea, vomiting. Diarrhoea.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritation of eyes and mucous membranes.

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

Specific treatments	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Flammable liquid and vapour. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting	Do not use water jet as an extinguisher, as this will spread the fire. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.
Special protective equipment for firefighters	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 skin, eyes and clothing. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours.
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6.2. Environmental precautions

Environmental precautions	Do not allow to enter drainage system, surface or ground water. Prevent material from reaching sewage system, holes and cellars.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb small quantities with paper towels and evaporate in a safe place. Absorb spillage with non-combustible, absorbent material. No smoking, sparks, flames or other sources of ignition near spillage.
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6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For personal protection, see Section 8.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at room temperature. Store in accordance with local regulations.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Glycerine

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ mist

Hydrogen peroxide solution

Long-term exposure limit (8-hour TWA): WEL 1 ppm 1.4 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2.8 mg/m³

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Avoid inhalation of vapours.

Eye/face protection Wear eye protection.

Hand protection Wear protective gloves. The breakthrough time for any glove material may be different for different glove manufacturers.

Hygiene measures Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Colourless.

Odour Alcoholic.

pH Not applicable.

Initial boiling point and range 80°C

Flash point ~ 12°C

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Upper/lower flammability or explosive limits	No information available.
Relative density	~ 0.8
Solubility(ies)	Completely soluble in water.
Viscosity	Not available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None at ambient temperatures.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Not determined.

12.2. Persistence and degradability

Phototransformation Not determined.

Stability (hydrolysis) Not determined.

Biodegradation Expected to be readily biodegradable.

Biological oxygen demand Not determined.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

General information	Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1993
UN No. (IMDG)	1993
UN No. (ICAO)	1993
UN No. (ADN)	1993

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, N.O.S. (Ethanol)
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S. (Ethanol)
Proper shipping name (ICAO)	FLAMMABLE LIQUID, N.O.S. (Ethanol)
Proper shipping name (ADN)	FLAMMABLE LIQUID, N.O.S. (Ethanol)

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-E
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ADR transport category 2
 Emergency Action Code •3YE
 Hazard Identification Number 33
 (ADR/RID)
 Tunnel restriction code (D/E)

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 Not applicable.

SECTION 15: Regulatory information

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

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).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 03/04/2020
 Revision 1
 SDS number 22435
 Hazard statements in full
 H225 Highly flammable liquid and vapour.
 H271 May cause fire or explosion; strong oxidiser.
 H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H412 Harmful to aquatic life with long lasting effects.
 Signature Daniel Higgs

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.