



**SAFETY DATA SHEET**

**Hand Sanitiser**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

**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 cleaner.

**Uses advised against** This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

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

**Supplier** Autosmart International Ltd  
Lynn Lane,  
Shenstone, nr Lichfield  
Staffordshire. WS14 0DH  
England  
www.autosmartinternational.com  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
info@autosmartinternational.com

**Contact person** Mr. Russell Butler

**1.4. Emergency telephone number**

**Emergency telephone** Mob: +44 (0) 7808 971321 (24hrs)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)

If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

The NHS 111 service will also be available via the harmonised European number for medical advice 116 117

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification**

**Physical hazards**

Flam. Liq. 2 - H225

**Health hazards**

Not Classified

**Environmental hazards**

Not Classified

**Classification (67/548/EEC or 1999/45/EC)**

F;R11.

**2.2. Label elements**

**Pictogram**



**Signal word** Danger

## Hand Sanitiser

**Hazard statements**

H225 Highly flammable liquid and vapour.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 Keep container tightly closed.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container in accordance with national regulations.

**Supplementary precautionary statements**

P337+P313 If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

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

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>ETHANOL</b>	<b>30-60%</b>
CAS number: 64-17-5   EC number: 200-578-6   REACH registration number: 01-2119457610-43-XXXX	
<b>Classification</b> Flam. Liq. 2 - H225	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11
<b>Glycerine</b>	<b>0.5-0.7%</b>
CAS number: 56-81-5   EC number: 200-289-5   REACH registration number: - Substance with a Community workplace exposure limit.	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>2-AMINOETHANOL</b>	<b>0.5-0.7%</b>
CAS number: 141-43-5   EC number: 205-483-3   REACH registration number: 01-2119486455-28-xxxx	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R34 Xn;R20/21/22

The Full Text for all R-Phrases and Hazard Statements are 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.

**Ingestion**

Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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**

Irritation of nose, throat and airway. Headache.

**Ingestion**

May cause stomach pain or vomiting.

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### Skin contact

No specific symptoms known.

### Eye contact

May cause temporary eye irritation.

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

#### Notes for the doctor

No specific recommendations.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO<sub>2</sub>). Do not use water, if avoidable.

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

#### Specific hazards

The product is flammable. Heating may generate flammable vapours. 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

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

#### Protective actions during firefighting

Avoid breathing fire gases or vapours. Ventilate closed spaces before entering them.

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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## SECTION 6: Accidental release measures

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

#### Personal precautions

Use suitable respiratory protection if ventilation is inadequate. Take precautionary measures against static discharges.

### 6.2. Environmental precautions

#### Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. To prevent release, place container with damaged side up.

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

#### Methods for cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

#### Reference to other sections

Collect and dispose of spillage as indicated in Section 13.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Usage precautions

No specific recommendations.

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

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

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

## Hand Sanitiser

### 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

##### 2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m3

Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m3

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

##### 2-AMINOETHANOL (CAS: 141-43-5)

DNEL

Industry - Dermal; Long term systemic effects: 1 mg/kg/day  
Industry - Inhalation; Long term systemic effects: 3.3 mg/kg/day  
Industry - Inhalation; Long term local effects: 3.3 mg/kg/day  
Consumer - Dermal; Long term systemic effects: 0.24 mg/kg/day  
Consumer - Inhalation; Long term systemic effects: 2 mg/kg/day  
Consumer - Inhalation; Long term local effects: 2 mg/kg/day  
Consumer - Oral; Long term systemic effects: 3.75 mg/kg/day

PNEC

- Fresh water; 0.085 mg/l  
- Marine water; 0.0085 mg/l  
- Intermittent release; 0.025 mg/l  
- Sediment (Freshwater); 0.425 mg/kg  
- Sediment (Marinewater); 0.0425 mg/kg  
- Soil; 0.035 mg/kg  
- STP; 100 mg/l

#### 8.2. Exposure controls

##### Appropriate engineering controls

No specific ventilation requirements.

##### Eye/face protection

Not relevant.

##### Hand protection

Hand protection not required.

##### Other skin and body protection

Provide eyewash station.

##### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product.

##### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### SECTION 9: Physical and Chemical Properties

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

##### Appearance

Gel.

##### Colour

Clear. Colourless.

##### Odour

Alcoholic.

##### pH

pH (concentrated solution): 7.0

##### Initial boiling point and range

## Hand Sanitiser

Not known.

**Flash point**

~ 5°C CC (Closed cup).

**Relative density**

~ 0.900 @ 20°C

**Solubility(ies)**

Soluble in water.

**Partition coefficient**

Not available.

**9.2. Other information****Volatile organic compound**

No information available.

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**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability****Stability**

Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Not applicable. Will not polymerise.

**10.4. 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**

No known hazardous decomposition products.

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**SECTION 11: Toxicological information**

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**11.1. Information on toxicological effects****Inhalation**

Vapours may cause drowsiness and dizziness.

**Ingestion**

May cause stomach pain or vomiting. Diarrhoea.

**Skin contact**

Skin irritation should not occur when used as recommended. No specific health hazards known.

**Eye contact**

Irritating to eyes.

**Acute and chronic health hazards**

No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

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**SECTION 12: Ecological Information**

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**12.1. Toxicity****Acute toxicity - fish**

Not determined.

**Acute toxicity - aquatic invertebrates**

Not determined.

**Acute toxicity - aquatic plants**

Not determined.

**Acute toxicity - microorganisms**

Not determined.

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### Acute toxicity - terrestrial

Not determined.

### 12.2. Persistence and degradability

#### Persistence and degradability

Volatile substances are degraded in the atmosphere within a few days.

### 12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

#### Partition coefficient

Not available.

### 12.4. Mobility in soil

#### Mobility

The product is soluble in water.

### 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

Not applicable.

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

#### General information

The packaging must be empty (drop-free when inverted).

#### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.  
Packaging: Reuse or recycle products wherever possible.

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## SECTION 14: Transport information

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### 14.1. UN number

UN No. (ADR/RID)	1170
UN No. (IMDG)	1170
UN No. (ICAO)	1170

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ETHANOL (ETHYL ALCOHOL)
Proper shipping name (IMDG)	ETHANOL (ETHYL ALCOHOL)

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID subsidiary risk	
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	
ICAO class/division	3
ICAO subsidiary risk	
Transport labels	

### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II

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ICAO packing group II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-D

Emergency Action Code 3YE

Hazard Identification Number (ADR/RID) 33

Tunnel restriction code (D/E)

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

Not applicable.

## **SECTION 15: Regulatory information**

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

#### **National regulations**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

#### **EU legislation**

Dangerous Preparations Directive 1999/45/EC. 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). 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). Commission Regulation (EU) No 453/2010 of 20 May 2010. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

#### **General information**

Only trained personnel should use this material.

#### **Revision comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain.  
www.autosmartinternational.com  
rbutler@autosmart.co.uk  
Tel +44 (0)1543 481616

**Revision date** 02/03/2015

**Revision** 1

**Supersedes date** 03/02/2015

**SDS status** Approved.

#### **Risk phrases in full**

R11 Highly flammable.  
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R34 Causes burns.

#### **Hazard statements in full**

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

## Hand Sanitiser

### Disclaimer

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.