

SAFETY DATA SHEET:

Ref No.: DS011

PRODUCT NAME/S: ALCOHOL HAND SANITISER

1 Identification of the Preparation and of the Company

1.1 Identification of the Preparation

Alcohol Hand Sanitiser PN601: PN602: PN604: ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.2 Company Identification

Maclin Group (Division of Maclin Sourcing Solutions Ltd)
Unit A3 Risby Business Park, Newmarket Road, Risby, Suffolk, IP28 6RD, United Kingdom
Tel: +44 (0) 1284 810887
Fax: +44 (0) 1284 811908

2 Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 Classification - 1999/45/EC F; R11 Symbols: F: Highly flammable.

Main Hazards: Highly flammable: Symbols: F: Highly flammable.

2.1.1. Classification – EC 1272/2008: Flam. Liq. 2: H225

2.2 Label Element



GHS Symbols:
Min 10mm sides

GHS Signal Word: Danger

Response Statements Flam Liq. 2: H225 Highly flammable liquid and vapour
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 suitable media to extinguish.

Prevention Statements P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.

P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Disposal P501 - Dispose of contents/container to requirements of local authorities

Alcohol Hand Sanitiser

3 Composition/Information on Ingredients

3.1 Chemical Name/Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index №	CAS №	EC No.	REACH reg no	Conc.Class No. factor. (%w/w)	M-
Ethanol	603-002-00-5	64-17-5	200-578-6		60 - 70% F; R11	
ALOE VERA					0 - 0.5%	
INERT BLEND OF Unclassified MATERIALS					0 - 0.5%	
WATER					20 - 30%	
CARBOPOL					0.5 - 1%	
GLYCERINE (Glycerol, Mist)		56-81-5	200-289-5		0 - 0.5%	
Ethanolamine	603-030-00-8	141-43-5	205-483-3	01-2119486455-28	0 - 0.5% Xn; R20/21/22 C; R34	

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4 First Aid Measures (Solution)

4.1 Description of first aid measures

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Eye contact: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Ingestion: Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

Skin Contact: No significant hazard

General: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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5 Fire Fighting Measures

5.1 Special Fire or Explosion Hazards

Highly flammable. Vapour may travel considerable distance to source of ignition and flash back.

5.2 Suitable Extinguishing Media

Carbon Dioxide (CO₂) Alcohol resistant foam

5.3 Other Recommendations

Firefighters: Wear suitable respiratory equipment when necessary.

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.

6.2 Environmental Precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7 Handling & Storage

7.1 Precautions for Safe Handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition. No smoking.

7.2 Conditions for Safe Storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8 Exposure Controls / Personal Protection

8.1 Control Parameters

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8.1.1 Exposure Limit Values

Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m3: 1920
	WEL 15min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL min limit mg/m3 total respirable dust: -
Ethanolamine (2 Aminoethanol)	WEL 8-hr limit ppm: 1	WEL 8hr limit mg/m3: 2.5
	WEL 15 min limit ppm: 3	WEL 15 min limit mg/m3: 7.6
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL min limit mg/m3 total respirable dust: -
GLYCERINE (Glycerol, mist)	WEL 8-hr limit ppm: -	WEL 8hr limit mg/m3: 10-
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL min limit mg/m3 total respirable dust: -

DNEL: Derived no-effect level.

No data is available on this product.

8.2 Exposure Controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area

8.2.2 Individual protection measures:

Eye / Face Protection:

Not normally required

Approved safety goggles

Skin protection – Hand Protection:

Chemical resistant gloves (PVC)

Respiratory protection:

Not normally required.

9	Physical & Chemical Properties
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9.1 Information on basic physical and chemical properties

Appearance:	Gel
Colour:	Clear
Odour:	Alcoholic
pH	6 -7.5
Flash point:	22-20°C
Relative density:	0.88 – 0.9
Solubility:	Soluble in water

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10 Stability & Reactivity

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Oxidising agents

10.4 Conditions to avoid

Heat, sparks and open flames.

11 Toxicological Information

11.1 Information on toxicological effects

Acute toxicity: Inhalation may cause nausea and vomiting

Skin corrosion/irritation: May cause irritation to eyes. May cause irritation to skin.

12 Ecological Information

12.2 Persistence and Degradability

Evaporates readily.

12.3 Bioaccumulative potential

Does not bioaccumulate

13 Disposal Information

General information

Dispose of in compliance with all local and national regulations.

14 Transport Information

Hazard pictograms



14.1 UN Number

NU1170

14.2 UN Proper Shipping Name

Ethanol Solution

Alcohol Hand Sanitiser

14.3 Transport Hazard Class(es)

ADR/RID	3
Subsidiary Risk	-
IDMG	3
Subsidiary Risk	-
IATA	3
Subsidiary Risk	-

14.4 Packing Group

Packing Group:	III
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14.5 Environmental Hazards

Environmental Hazards:	No
Marine Pollutant:	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E-S-D
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IATA

Packing Instruction (Cargo)	366
Maximum quantity:	220 L
Packing Instruction (passenger):	355
Maximum quantity:	60 L

15 Regulatory Information

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out by the supplier.

16 Other Information

Other Information

Revision

This document differs from the previous version in the following areas:

1. REACH
2. 2.1.2. Classification – EC 1272/2008
2. Signal Word
2. Precautionary Statement: Prevention
2. Precautionary Statement: Response
2. Precautionary Statement: Storage
2. Precautionary Statement: Disposal
4. Skin Contact
8. 8.2.2. Individual protection measures

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- 8 DNEL: Derived no-effect level
- 11 Acute Toxicity
- 12 12.1. Toxicity
- 15 15.2. Chemical safety assessment

Text of Risk phrases in Section 3

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

Text of Hazard Statements in Section 3

- Flam. Liq. 2: H225 – Highly flammable liquid and vapour
- Acute Tox. 4: H302 – Harmful if swallowed.
- Acute Tox .4: H312 - Harmful in contact with skin
- Skin Corr. 1B: H314 - Causes severe skin burns and eye damage
- Acute Tox. 4: H332 - Harmful if inhaled.
- STOT SE 3: H335 - May cause respiratory irritation.

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

END

Revision 10th March 2020