



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/6

EP 12055 ALCOHOL HAND GEL

Revision 1

Revision date 2016-03-04

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

1.1. Product identifier

Product name	EP 12055 ALCOHOL HAND GEL
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk
Email address of the competent person	sales@assuredsolutionsltd.co.uk

1.4. Emergency telephone number

Emergency telephone number	01530 272 922
Company	ASSURED SOLUTIONS LTD 24hrs

SECTION 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.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed.

EP 12055 ALCOHOL HAND GEL

Revision 1
Revision date 2016-03-04

2.2. Label elements

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
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 (2-Aminoethanol)	603-030-00-8	141-43-5	205-483-3	01-2119486455-28	0 - 0.5%	Xn; R20/21/22 C; R34	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ethanol	603-002-00-5	64-17-5	200-578-6		60 - 70%	Flam. Liq. 2: H225;	
ALOE VERA					0 - 0.5%		
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WATER					20 - 30%		
CARBOPOL					0.5 - 1%		
GLYCERINE (Glycerol, mist)		56-81-5	200-289-5		0 - 0.5%		
Ethanolamine (2-Aminoethanol)	603-030-00-8	141-43-5	205-483-3	01-2119486455-28	0 - 0.5%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314;	

SECTION 4: First aid measures

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.
Skin contact	No Significant Hazard.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Firefighting measures

5.1. Extinguishing media

EP 12055 ALCOHOL HAND GEL

Revision 1

Revision date 2016-03-04

5.1. Extinguishing media

Carbon dioxide (CO₂). Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 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.

SECTION 7: Handling and 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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

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

DNEL: Derived no-effect level.

No data is available on this product.

8.2. Exposure controls

EP 12055 ALCOHOL HAND GEL

Revision 1
Revision date 2016-03-04

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Not normally required.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Oxidising agents.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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SECTION 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.

SECTION 12: Ecological information

12.2. Persistence and degradability

	Evaporates readily.
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12.3. Bioaccumulative potential

	Does not bioaccumulate.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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EP 12055 ALCOHOL HAND GEL

Revision 1

Revision date 2016-03-04

14.1. UN number	
	UN1170

14.2. UN proper shipping name	
	ETHANOL SOLUTION

14.3. Transport hazard class(es)	
ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group	
Packing group	III

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

IATA	
Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

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

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

EP 12055 ALCOHOL HAND GEL

Revision 1

Revision date 2016-03-04

Other information

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.
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