



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

EP 98078

Revision 2

Revision date 2015-08-10

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

1.1. Product identifier

Product name	EP 98078
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

Main hazards	No Significant Hazard
--------------	-----------------------

2.2. Label elements

Precautionary Statement: Response	P102 - Keep out of reach of children. P103 - Read label before use. P264 - Wash hands thoroughly after handling.
Risk phrases	No Significant Hazard

2.3. Other hazards

Other hazards	SPILLAGE MAY CREATE SLIP HAZARD.
---------------	----------------------------------

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EP 98078

Revision 2

Revision date 2015-08-10

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.
HYDROXYETHYL CELLULOSE		9004-62-0			0.5 - 1%		
WATER					70 - 80%		
LAURYL BETAINE		66455-29-6	266-368-1		1 - 10%	Xi; R38-41	
SODIUM ACETATE		127-09-3			0 - 0.5%		
AMYLASE FROM BACILLUS SUBTILUS		9000-85-5			0 - 0.5%		
LIPASE FROM PENICILLIUM ROQUEFORT		9001-62-1			0 - 0.5%		
SUSPENSION OF BACILUS SUBTILLUS SPORES AND BACTERIUM					0 - 0.5%		
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		0 - 0.5%	F; R11 Xi; R36 R67	
CELLULOSE		9004-34-6			0 - 0.5%		
Amylase, a-	647-015-00-4	9000-90-2	232-565-6		0 - 0.5%	R42	
Glyoxal...%	605-016-00-7	107-22-2	203-474-9		0 - 0.5%	Muta. Cat. 3; R68 Xn; R20 Xi; R36/38 R43	
SODIUM HYDROXIDE (NEUTRALISED)					0 - 0.5%		
PERFUME					0 - 0.5%		
L LIMONENE		5989-27-5			0 - 0.5%	Xi; R38-43 N; R50/53 R10	
BUTYLPHENYL METHYLPROPIONAL		106-22-9			0 - 0.5%		

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
HYDROXYETHYL CELLULOSE		9004-62-0			0.5 - 1%		
WATER					70 - 80%		
LAURYL BETAINE		66455-29-6	266-368-1		1 - 10%		
SODIUM ACETATE		127-09-3			0 - 0.5%		
AMYLASE FROM BACILLUS SUBTILUS		9000-85-5			0 - 0.5%		
LIPASE FROM PENICILLIUM ROQUEFORT		9001-62-1			0 - 0.5%		
SUSPENSION OF BACILUS SUBTILLUS SPORES AND BACTERIUM					0 - 0.5%		
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		0 - 0.5%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;	
CELLULOSE		9004-34-6			0 - 0.5%		
Amylase, a-	647-015-00-4	9000-90-2	232-565-6		0 - 0.5%	Resp. Sens. 1: H334;	
Glyoxal...%	605-016-00-7	107-22-2	203-474-9		0 - 0.5%	Muta. 2: H341; Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317;	
SODIUM HYDROXIDE (NEUTRALISED)					0 - 0.5%		
PERFUME					0 - 0.5%		
L LIMONENE		5989-27-5			0 - 0.5%		
BUTYLPHENYL METHYLPROPIONAL		106-22-9			0 - 0.5%		

SECTION 4: First aid measures

EP 98078

Revision 2

Revision date 2015-08-10

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
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	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

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.
--	--

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. Sweep up. 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. Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	--

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

EP 98078

Revision 2
Revision date 2015-08-10

8.1.1. Exposure Limit Values

CELLULOSE	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total 10 inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total 20 inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
CELLULOSE (Cellulose (pure) respirable)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 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	Not normally required.
8.2.2. Individual protection measures	No safety clothing required.
Eye / face protection	In case of splashing, wear:.. Approved safety goggles.
Skin protection - Handprotection	Wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Mild
pH	7.0 NOMINAL
Initial boiling point	100
Relative density	1.01 NOMINAL

Water solubility

Soluble in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product. Ingestion may cause nausea and vomiting.
Skin corrosion/irritation	May cause irritation to eyes. Seek medical attention if irritation or symptoms persist.

SECTION 12: Ecological information

EP 98078

Revision 2
Revision date 2015-08-10

12.1. Toxicity

No data is available on this product.

12.2. Persistence and degradability

More than 90% biodegradable.

Further information

No known adverse environmental effects.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

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	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 1 - REACH. 2 - Precautionary Statement: Response. 8 - 8.2.1. Appropriate engineering controls. 8 - Skin protection - Handprotection. 8 - 8.2.2. Individual protection measures. 8 - DNEL: Derived no-effect level. 12 - 12.1. Toxicity. 15 - 15.2. Chemical safety assessment.
Text of risk phrases in Section 3	<ul style="list-style-type: none"> R10 - Flammable R11 - Highly flammable. R20 - Harmful by inhalation. R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R42 - May cause sensitisation by inhalation. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 - Vapours may cause drowsiness and dizziness. R68 - Possible risk of irreversible effects.
Text of Hazard Statements in Section 3	<ul style="list-style-type: none"> Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Acute Tox. 4: H332 - Harmful if inhaled. Muta. 2: H341 - Suspected of causing genetic defects .

Further information

EP 98078

Revision 2

Revision date 2015-08-10

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.
--	--