



...advanced chemical  
solutions for industry...

# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## EP 15008 (POLYSOLVE)

Revision 1  
Revision date 2016-02-08

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

#### 1.1. Product identifier

Product name	EP 15008 (POLYSOLVE)
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	Xi; R41 Symbols: Xi: Irritant.
Main hazards	Risk of serious damage to eyes.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Dam. 1: H318;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary Statement: Prevention	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
<b>Precautionary Statement: Disposal</b>	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.
ALCOHOL ETHOXYLATE		68439-46-3			10 - 20%	Xn; R22 Xi; R41	
SODIUM METASILICATE PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37 01-2119449811-37	1 - 10%	C; R34	
Formaldehyde...% (Formaldehyde)	605-001-00-5	50-00-0	200-001-8		0 - 0.5%	Carc. Cat. 3; R40 T; R23/24/25 C; R34 R43	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					70 - 80%		
ALCOHOL ETHOXYLATE		68439-46-3			10 - 20%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
INERT BLEND OF UNCLASSIFIED MATERIALS					1 - 10%		
SODIUM METASILICATE PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37 01-2119449811-37	1 - 10%	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT SE 3: H335;	
Formaldehyde...% (Formaldehyde)	605-001-00-5	50-00-0	200-001-8		0 - 0.5%	Carc. 1B: H350; Muta. 2: H341; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	No irritation expected. No Significant Hazard.
<b>Eye contact</b>	Risk of serious damage to eyes. Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	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.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon dioxide (CO2).
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

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

	Wear suitable protective equipment. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 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.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 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.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Formaldehyde...% (Formaldehyde)	WEL 8-hr limit ppm: 2	WEL 8-hr limit mg/m3: 2.5
	WEL 15 min limit ppm: 2	WEL 15 min limit mg/m3: 2.5
	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 15 min limit mg/m3 total - respirable dust:

## DNEL: Derived no-effect level.

	No data is available on this product.
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## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Not normally required.
8.2.2. Individual protection measures	Use appropriate personal protective equipment.
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	Liquid
Colour	Various
Odour	Mild
pH	10 - 13
Relative density	1.02 - 1.04
Solubility	Soluble in water

## SECTION 10: Stability and reactivity

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## 10.2. Chemical stability

Stable under normal conditions.

**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

## Skin corrosion/irritation

Risk of serious damage to eyes. May cause irritation to skin.

**SECTION 12: Ecological information**

## 12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not biodegradable however those present in this formulation/product are either of no known significant environmental hazard or are readily neutralised to form inert salts. More than 90% biodegradable.

## 12.3. Bioaccumulative potential

Does not bioaccumulate.

**SECTION 13: Disposal considerations**

## General information

Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information**

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## 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

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

- 1 - REACH.
- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.

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## Other information

	<p>2 - Signal Word.  2 - Precautionary Statement: Prevention.  2 - Precautionary Statement: Response.  2 - Precautionary Statement: Disposal.  4 - Inhalation.  8 - DNEL: Derived no-effect level.  9 - 9.1. Information on basic physical and chemical properties (Colour).  12 - 12.1. Toxicity.  15 - 15.2. Chemical safety assessment.</p>
<b>Text of risk phrases in Section 3</b>	<p>R22 - Harmful if swallowed.  R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.  R34 - Causes burns.  R40 - Limited evidence of a carcinogenic effect.  R41 - Risk of serious damage to eyes.  R43 - May cause sensitisation by skin contact.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Acute Tox. 4: H302 - Harmful if swallowed.  Eye Dam. 1: H318 - Causes serious eye damage.  Met. Corr. 1: H290 - May be corrosive to metals.  Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  STOT SE 3: H335 - May cause respiratory irritation.</p>

## Further information

	<p>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.</p>
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