



...advanced chemical  
solutions for industry...

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## EP 03161

Revision 4

Revision date 2015-08-04

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

#### 1.1. Product identifier

Product name	EP 03161
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

2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 3: H412;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P302+P350 - IF ON SKIN: Gently wash with plenty of soap and 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. P333+P313 - If skin irritation or rash 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.
COCONUT DIETHANOLMINE		8051-30-7			0 - 0.5%	Xi; R38-41	
WATER					70 - 80%		
AMINE SALT OF ALKYL BENZENE SULPHONIC ACID		90194-42-6			0 - 0.5%	Xi; R38-41	
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	
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		0 - 0.5%	Carc. Cat. 3; R40 Xn; R22 Xi; R36	
SODIUM LAURETH ETHER SULPHATE				01-2119488639-16	0 - 0.5%	Xi; R36/38	
Dipentene	601-029-00-7	138-86-3	205-341-0		0 - 0.5%	R10 Xi; R38 R43 N; R50/53	
PINE OIL 85		8002-09-3			1 - 10%	Xi; R38	
DISTILLED TALL OIL(NEUTRALISED)					1 - 10%		
HEXYL CINNAMAL		101-86-0					
2,2'-Iminodiethanol	603-071-00-1	111-42-2	203-868-0		0 - 0.5%	Xn; R22-48/22 Xi; R38-41	
GLYCERINE (Glycerol, mist)		56-81-5	200-289-5		0 - 0.5%		
ETHANOLAMINE(NEUTRALISED)					1 - 10%		
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		0.5 - 1%	F; R11 Xi; R36 R67	
SODIUM CHLORIDE		7647-14-5	231-598-3		0 - 0.5%		
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 - 0.5%	C; R35	

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## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
COCONUT DIETHANOLMINE		8051-30-7			0 - 0.5%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411;	
WATER					70 - 80%		
AMINE SALT OF ALKYL BENZENE SULPHONIC ACID		90194-42-6			0 - 0.5%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	
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;	
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		0 - 0.5%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;	
SODIUM LAURETH ETHER SULPHATE				01-2119488639-16	0 - 0.5%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	
Dipentene	601-029-00-7	138-86-3	205-341-0		0 - 0.5%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
PINE OIL 85		8002-09-3			1 - 10%	Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;	
DISTILLED TALL OIL(NEUTRALISED) HEXYL CINNAMAL		101-86-0			1 - 10%		
2,2'-Iminodiethanol	603-071-00-1	111-42-2	203-868-0		0 - 0.5%	Acute Tox. 4: H302; STOT RE 2: H373; Skin Irrit. 2: H315; Eye Dam. 1: H318;	
GLYCERINE (Glycerol, mist)		56-81-5	200-289-5		0 - 0.5%		
ETHANOLAMINE(NEUTRALISED)					1 - 10%		
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		0.5 - 1%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;	
SODIUM CHLORIDE		7647-14-5	231-598-3		0 - 0.5%		
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 - 0.5%	Skin Corr. 1A: H314;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. 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	Irritating 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	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	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****6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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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. Ensure adequate ventilation of the working area. 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 15 min limit ppm: 2 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 2.5  WEL 15 min limit mg/m3: 2.5 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
GLYCERINE (Glycerol, mist)	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: 10 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:
Sodium hydroxide	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: - WEL 15 min limit mg/m3: 2 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.
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**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

	Ensure adequate ventilation of the working area.
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## 8.2. Exposure controls

8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Gel
Colour	Amber
Odour	Characteristic
pH	9.0 NOMINAL
Initial boiling point	100
Relative density	0.995 NOMINAL

## Water solubility

	Soluble in water.
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## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to eyes and skin.
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## SECTION 12: Ecological information

## 12.2. Persistence and degradability

	DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. More than 90% biodegradable.
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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

## Further information

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

## 15.2. Chemical safety assessment

	No chemical Safety assessment has been carried out by the supplier.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 2 - Precautionary Statement: Response.
Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable.

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## Other information

	<p>R22 - Harmful if swallowed.  R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.  R34 - Causes burns.  R35 - Causes severe burns.  R36/37 - Irritating to eyes and respiratory system.  R36/38 - Irritating to eyes and skin.  R36 - Irritating to eyes.  R38 - Irritating to skin.  R40 - Limited evidence of a carcinogenic effect.  R41 - Risk of serious damage to eyes.  R43 - May cause sensitisation by skin contact.  R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.  R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  R67 - Vapours may cause drowsiness and dizziness.</p>
Text of Hazard Statements in Section 3	<p>Skin Irrit. 2: H315 - Causes skin irritation.  Eye Dam. 1: H318 - Causes serious eye damage.  Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  Acute Tox. 4: H302 - Harmful if swallowed.  Eye Irrit. 2: H319 - Causes serious eye irritation.  Carc. 2: H351 - Suspected of causing cancer .  Flam. Liq. 3: H226 - Flammable liquid and vapour.  Skin Sens. 1: H317 - May cause an allergic skin reaction.  Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .  Flam. Liq. 2: H225 - Highly flammable liquid and vapour.  STOT SE 3: H336 - May cause drowsiness or dizziness.  Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</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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