



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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EP 16212 TFR 212

Revision 0

Revision date 2016-12-13

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

1.1. Product identifier

Product name	EP 16212 TFR 212
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Aqueous solution.
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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; R36 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes.
2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.

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2.2. Label elements

Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
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.
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.
COCONUT DIETHANOLMINE		8051-30-7			0.5 - 1%	Xi; R38-41 N; R51/53	
SODIUM XYLENE SULPHONATE		1300-72-7			1 - 10%	Xi; R36/37/38	
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		1 - 10%	Xi; R36	
POTASSIUM SALT OF ARYL ETHER PHOSPHATE ESTER		72283-31-9			1 - 10%	Xi; R36/38	

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			0.5 - 1%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411;	
WATER					60 - 70%		
Citral	605-019-00-3	5392-40-5	226-394-6		0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317;	
SODIUM XYLENE SULPHONATE		1300-72-7			1 - 10%	Eye Irrit. 2: H319;	
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		1 - 10%	Eye Irrit. 2: H319;	
D-Limonene	601-029-00-7	5989-27-5	227-813-5	01-2119529223-47	0 - 0.5%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
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;	
POTASSIUM SALT OF ARYL ETHER PHOSPHATE ESTER		72283-31-9			1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;	
EDTA Ethylenediaminetetraacetic Acid, Disodium Salt		139-33-3	205-358-3		0.5 - 1%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
COCAMIDOPROPYL BETAINE			931-296-8		0.5 - 1%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;	
SODIUM METASILICATE PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37 01-2119449811-37	0 - 0.5%	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT SE 3: H335;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No irritation expected. No Significant Hazard.
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	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Carbon dioxide (CO₂).

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

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

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. 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

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

Avoid contact with eyes and skin. Wear suitable gloves and eye/face protection.

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	Aqueous solution
Colour	Various
Odour	Pleasant
pH	11 - 13
Relative density	1.1 - 1.15
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

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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

Irritating to eyes. May cause irritation to skin.

11.1.4. Toxicological Information

POTASSIUM SALT OF ARYL
ETHER PHOSPHATE ESTER

Oral Rat LD50: >2000mg/Kg

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.

12.3. Bioaccumulative potential

No data is available on this product.

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

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

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

SECTION 16: Other information**Other information****Text of risk phrases in Section 3**

R36/37/38 - Irritating to eyes, respiratory system and skin.
 R36/38 - Irritating to eyes and skin.
 R36 - Irritating to eyes.
 R38 - Irritating to skin.
 R41 - Risk of serious damage to eyes.
 R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of Hazard Statements in Section 3

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.
 Skin Sens. 1: H317 - May cause an allergic skin reaction.
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 Flam. Liq. 3: H226 - Flammable liquid and vapour.
 Aquatic Acute 1: H400 - Very toxic to aquatic life.
 Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
 Acute Tox. 4: H302 - Harmful if swallowed.
 STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .
 Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
 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.

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.