



...advanced chemical solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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EP 15022 CITRUS

Revision 5

Revision date 2015-08-11

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

1.1. Product identifier

Product name	EP 15022 CITRUS
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; R36 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes.
2.1.2. Classification - EC 1272/2008	Eye Dam. 1: H318; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P102 - Keep out of reach of children. P273 - Avoid release to the environment.

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2.2. Label elements

Precautionary Statement: Response	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Statement: Disposal	P309+P311 - IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
	P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES

2.3. Other hazards

Other hazards	SPILLAGE MAY CREATE SLIP HAZARD.
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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			1 - 10%	Xi; R38-41	
WATER					70 - 80%		
AMINE SALT OF ALKYL BENZENE SULPHONIC ACID LAURYL BETAINE		90194-42-6			1 - 10%	Xi; R38-41	
SODIUM LAURETH ETHER SULPHATE		66455-29-6	266-368-1	01-2119488639-16	0 - 0.5%	Xi; R38-41	
COCAMINE OXIDE		61788-90-7	263-016-9		0.5 - 1%	Xi; R38-41	
AMYLASE FROM BASCILLUS 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%		
2,2'-Iminodiethanol	603-071-00-1	111-42-2	203-868-0		0 - 0.5%	Xn; R22-48/22 Xi; R38-41	
Amylase, a-	647-015-00-4	9000-90-2	232-565-6		0 - 0.5%	R42	
PERFUME					0 - 0.5%		

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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			1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411;	
WATER					70 - 80%		
AMINE SALT OF ALKYL BENZENE SULPHONIC ACID LAURYL BETAINE		90194-42-6			1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	
		66455-29-6	266-368-1		0 - 0.5%		
SODIUM LAURETH ETHER SULPHATE				01-2119488639-16	0 - 0.5%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	
COCAMINE OXIDE		61788-90-7	263-016-9		0.5 - 1%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 3: H412;	
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%		
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;	
Amylase, a-	647-015-00-4	9000-90-2	232-565-6		0 - 0.5%	Resp. Sens. 1: H334;	
PERFUME					0 - 0.5%		

SECTION 4: First aid measures

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.
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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.
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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
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6.3. Methods and material for containment and cleaning up

	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

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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8.2.2. Individual protection measures

	Wear protective clothing.
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Eye / face protection

	In case of splashing, wear: Approved safety goggles.
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Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Various
Odour	Pleasant
pH	7 - 9
Relative density	1 - 1.02 (H ₂ O = 1 @ 20 °C)
Solubility	Soluble in water

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

Acute toxicity

	No data is available on this product.
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Skin corrosion/irritation

	May cause irritation to eyes. May cause irritation to skin. No irritation expected.
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SECTION 12: Ecological information

12.1. Toxicity

	No data is available on this product.
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12.2. Persistence and degradability

	Readily 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. 2 - Precautionary Statement: Disposal.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R42 - May cause sensitisation by inhalation. R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.
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. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 3: H412 - Harmful 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 . Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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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