



...advanced chemical solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

EP 11022 NON CAUSTIC TFR

Revision 1

Revision date 2015-11-24

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

1.1. Product identifier

Product name	EP 11022 NON CAUSTIC TFR
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 Corr. 1A: H314;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

EP 11022 NON CAUSTIC TFR

Revision 1

Revision date 2015-11-24

2.2. Label elements

Precautionary Statement: Storage	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. P363 - Wash contaminated clothing before reuse.
	P405 - Store locked up.
	P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES
Precautionary Statement: Disposal	

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.
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Carc. Cat. 3; R40 Xn; R22 Xi; R36	
SODIUM METASILICATE PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37 01-2119449811-37	1 - 10%	C; R34	
COCAMIDOPROPYL BETAINE			931-296-8		1 - 10%	Xi; R41	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Xn; R22 Xi; R41	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					80 - 90%		
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;	
D-Glucopyranose, Oligomeric, Decyl, Octyl, Glycoside					0 - 0.5%	Eye Dam. 1: H318;	
1-Propanaminium, 3 Amino-N(carboxymethyl)N,N-Dimethyl N Coco acyl dervis inner salts					0 - 0.5%	Skin Irrit. 2: H315;	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		0 - 0.5%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
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;	
COCAMIDOPROPYL BETAINE			931-296-8		1 - 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
TETRA POTASSIUM PYROPHOSPHATE		7320-34-5	230-785-7	01-2119489369-18	0.5 - 1%	Eye Irrit. 2: H319;	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 - 0.5%	Skin Corr. 1A: H314;	
Mono ethylene glycol (Ethane-1,2-diol particulate)	603-027-00-1	107-21-1	203-473-3		0 - 0.5%	Acute Tox. 4: H302;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No Significant Hazard. 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.

EP 11022 NON CAUSTIC TFR

Revision 1

Revision date 2015-11-24

4.1. Description of first aid measures

Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
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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

	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

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	No safety clothing required.
Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

EP 11022 NON CAUSTIC TFR

Revision 1
Revision date 2015-11-24

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Mild
pH	12.5
Relative density	1.03 - 1.05
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.
Skin corrosion/irritation	May cause severe irritation to eyes and skin.

SECTION 12: Ecological information

12.1. Toxicity

COCAMIDOPROPYL BETAINE	Daphnia EC50/48h: 21.5000 mg/l	Algae IC50/72h: 30.0000 mg/l
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	No data is available on this product.
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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.
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12.3. Bioaccumulative potential

	Does not bioaccumulate.
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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

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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EP 11022 NON CAUSTIC TFR

Revision 1

Revision date 2015-11-24

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.
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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: 1 - REACH. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 4 - Inhalation. 8 - DNEL: Derived no-effect level. 9 - 9.1. Information on basic physical and chemical properties (PH). 12 - 12.1. Toxicity. 15 - 15.2. Chemical safety assessment.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R40 - Limited evidence of a carcinogenic effect. R41 - Risk of serious damage to eyes.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Carc. 2: H351 - Suspected of causing cancer . Eye Dam. 1: H318 - Causes serious eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 4: H312 - Harmful in contact with skin. Acute Tox. 4: H332 - Harmful if inhaled. 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. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

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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