



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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B210

Revision 2

Revision date 2013-02-26

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

1.1. Product identifier

Product name B210

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC
C; R35
Symbols: C: Corrosive.

Main hazards Causes severe burns.

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
WATER					80 - 90%	
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Carc. Cat. 3; R40 Xn; R22 Xi; R36
LAURYL BETAINE		66455-29-6	266-368-1		1 - 10%	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		10 - 20%	C; R35

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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SECTION 5: Firefighting measures**5.1. Extinguishing media**Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam.**5.2. Special hazards arising from the substance or mixture**

Corrosive. 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**

Evacuate personnel to a safe area. Wear suitable protective equipment.

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. 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.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Not normally required.
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	Not normally required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**


State	Liquid
Colour	Clear
Odour	Mild
pH	13.5 NOMINAL
Boiling point	100
Relative density	1.11 NOMINAL

Water solubility

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Water solubility	
	Slightly soluble in water.
SECTION 10: Stability and reactivity	
10.2. Chemical stability	
	Stable under normal conditions.
SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Skin corrosion/irritation	Causes burns.
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.
SECTION 13: Disposal considerations	
General information	
	Dispose of in compliance with all local and national regulations.
SECTION 14: Transport information	
Hazard pictograms	
	
14.1. UN number	
	UN1824
14.2. UN proper shipping name	
	SODIUM HYDROXIDE, SOLUTION
14.3. Transport hazard class(es)	
ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-
14.4. Packing group	
Packing group	II
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B


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IATA	
Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

SECTION 15: Regulatory information

Labelling	
Symbols	<p>The product is classified in accordance with 67/548/EEC.</p> <p>C: Corrosive.</p> 
Risk phrases	R35 - Causes severe burns.
Safety phrases	<p>S1/2 - Keep locked up and out of the reach of children.</p> <p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S28 - After contact with skin, wash immediately with plenty of.</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p>

SECTION 16: Other information

Other information	
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed.</p> <p>R35 - Causes severe burns.</p> <p>R36 - Irritating to eyes.</p> <p>R38 - Irritating to skin.</p> <p>R40 - Limited evidence of a carcinogenic effect.</p> <p>R41 - Risk of serious damage to eyes.</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>