



...advanced chemical  
solutions for industry...

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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C308

Revision 4

Revision date 2015-06-18

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

### 1.1. Product identifier

Product name	C308
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; R36/37/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes, respiratory system and skin.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	H290 - May be corrosive to metals. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ oR /if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
<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.
WATER					50 - 60%		
Hydrochloric acid...%	017-002-01-X		231-595-7		10 - 20%	C; R34 Xi; R37	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Xn; R22 Xi; R41	
XANTHAN GUM		11138-66-2	234-394-2		0 - 0.5%		
PERFUME					0 - 0.5%		
Thiocarbamide	612-082-00-0	62-56-6	200-543-5		0 - 0.5%	Carc. Cat. 3; R40 Repr. Cat. 3; R63 Xn; R22 N; R51/53	
DYE					0 - 0.5%		

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					50 - 60%		
Hydrochloric acid...%	017-002-01-X		231-595-7		10 - 20%	Skin Corr. 1B: H314; STOT SE 3: H335;	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
XANTHAN GUM		11138-66-2	234-394-2		0 - 0.5%		
PERFUME					0 - 0.5%		
Thiocarbamide	612-082-00-0	62-56-6	200-543-5		0 - 0.5%	Carc. 2: H351; Repr. 2: H361d; Acute Tox. 4: H302; Aquatic Chronic 2: H411;	
DYE					0 - 0.5%		

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention. May cause irritation to respiratory system.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

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**4.1. Description of first aid measures**

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**

	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. 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****8.2. 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**

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## 9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Various
Odour	Pleasant
pH	1 - 2
Initial boiling point	100
Relative density	1.055

## Water solubility

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

## 10.2. Chemical stability

	Stable under normal conditions. REACTS WITH HYPOCHLORITES(BLEACH) TO GIVE OFF TOXIC FUMES OF CHLORINE.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to eyes, respiratory system and skin.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

## 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.
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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

## Hazard pictograms

	
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## 14.1. UN number

	UN1789
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## 14.2. UN proper shipping name

	HYDROCHLORIC ACID
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## 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

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<b>14.4. Packing group</b>	
Packing group	III
<b>14.5. Environmental hazards</b>	
Environmental hazards	No
Marine pollutant	No
<b>ADR/RID</b>	
Hazard ID	80
Tunnel Category	(E)
<b>IMDG</b>	
EmS Code	F-A S-B
<b>IATA</b>	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L
<b>SECTION 15: Regulatory information</b>	
<b>15.2. Chemical safety assessment</b>	
	No chemical Safety assessment has been carried out by the supplier.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
Revision	This document differs from the previous version in the following areas:. 1 - REACH. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 9 - 9.1. Information on basic physical and chemical properties (Appearance). 9 - 9.1. Information on basic physical and chemical properties (Colour). 9 - 9.1. Information on basic physical and chemical properties (PH).
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R37 - Irritating to respiratory system. R40 - Limited evidence of a carcinogenic effect. R41 - Risk of serious damage to eyes. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R63 - Possible risk of harm to the unborn child.
Text of Hazard Statements in Section 3	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Carc. 2: H351 - Suspected of causing cancer . Repr. 2: H361d - Suspected of damaging the unborn child. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
<b>Further information</b>	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use,

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**Further information**

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	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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