



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

C301

Revision 8

Revision date 2015-06-16

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

1.1. Product identifier

Product name	C301
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.

C301

Revision 8

Revision date 2015-06-16

2.2. Label elements

Precautionary Statement: Prevention	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.
Precautionary Statement: Response	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. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
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.
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	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
DIPROPYLENE GLYCOL		25265-71-8	246-770-3		0 - 0.5%		
WATER					50 - 60%		
Hydrochloric acid...%	017-002-01-X		231-595-7		10 - 20%	Skin Corr. 1B: H314; STOT SE 3: H335;	
DIBUTYL THIOUREA		109-46-6			0 - 0.5%		
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
PERFUME					0 - 0.5%		
DYE					0 - 0.5%		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
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	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).
--	-----------------------

5.2. Special hazards arising from the substance or mixture

C301

Revision 8

Revision date 2015-06-16

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**

	Ensure adequate ventilation of the working 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. 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. Ensure adequate ventilation of the working area. 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**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

	Ensure adequate ventilation of the working area. 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. Wear suitable respiratory equipment when necessary.
--	--

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

Appearance	Liquid
Colour	Clear
Odour	Pleasant
pH	1 - 3
Initial boiling point	100
Relative density	1.055 NOMINAL
Solubility	Soluble in water

Water solubility

	Slightly soluble in water.
--	----------------------------

SECTION 10: Stability and reactivity**10.2. Chemical stability**

	Stable under normal conditions. REACTS WITH HYPOCHLORITES(BLEACH) TO GIVE OFF TOXIC FUMES OF CHLORINE.
--	--

C301

Revision 8

Revision date 2015-06-16

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Skin corrosion/irritation Repeated or prolonged exposure	Irritating to eyes and skin. Seek medical attention if irritation or symptoms persist.
	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.

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**

UN1789

14.2. UN proper shipping name

HYDROCHLORIC ACID

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	III
---------------	-----

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
----------	---------

IATA

Packing Instruction (Cargo)	856
Maximum quantity	60 L

C301

Revision 8

Revision date 2015-06-16

IATA	
Packing Instruction (Passenger)	852
Maximum quantity	5 L
SECTION 15: Regulatory information	
15.2. Chemical safety assessment	
	No chemical Safety assessment has been carried out by the supplier.
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 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Solubility).
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R37 - Irritating to respiratory system. R41 - Risk of serious damage to eyes.
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.
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.