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solutions for industry...

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## C312 ACID DRAIN CLEAR

Revision 5

Revision date 2015-06-18

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

#### 1.1. Product identifier

Product name	C312 ACID DRAIN CLEAR
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	C; R35 Symbols: C: Corrosive.
Main hazards	Causes severe burns.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;

#### 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 thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. P363 - Wash contaminated clothing before reuse.
<b>Precautionary Statement: Storage</b>	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.
Sulphuric acid...% (Sulphuric acid (mist)) DYE	016-020-00-8	7664-93-9	231-639-5	01-2119458838-20	90 - 100%	C; R35	0 - 0.5%

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sulphuric acid...% (Sulphuric acid (mist)) DYE	016-020-00-8	7664-93-9	231-639-5	01-2119458838-20	90 - 100%	Skin Corr. 1A: H314;	0 - 0.5%

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	May cause irritation to respiratory system. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Causes severe burns. Causes severe inflammation and may damage the cornea. Seek medical attention.
<b>Skin contact</b>	Causes severe burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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## 5.2. Special hazards arising from the substance or mixture

	Corrosive. 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

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

Sulphuric acid...% (Sulphuric acid (mist))	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.05
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

### 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

Appearance	Liquid
Colour	Red
Odour	Mild
pH	1.0
Relative density	1.8 NOMINAL

### Water solubility

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. REACTS VIOLENTLY WHEN SMALL AMOUNTS OF WATER ARE ADDED TO THE PRODUCT. ALWAYS ADD PRODUCT TO WATER.

## SECTION 11: Toxicological information

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## 11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns. Causes severe burns. Risk of serious damage to eyes.
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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

	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

	UN1830
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## 14.2. UN proper shipping name

	SULPHURIC ACID
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## 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
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## 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

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IATA	
Maximum quantity	1 L
<b>SECTION 15: Regulatory information</b>	
15.2. Chemical safety assessment	
	No chemical Safety assessment has been carried out by the supplier.
<b>SECTION 16: Other information</b>	
Other information	
Revision	This document differs from the previous version in the following areas:. 1 - REACH. 2 - Precautionary Statement: Response.
Text of risk phrases in Section 3	R35 - Causes severe burns.
Text of Hazard Statements in Section 3	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.