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# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## J918 CHLORINE TABLETS

Revision 0

Revision date 2015-10-28

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

#### 1.1. Product identifier

Product name	J918 CHLORINE TABLETS
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	Xn; R22 Xi; R36/37 N; R50/53 R31 Symbols: Xn: Harmful. N: Dangerous for the environment.
Main hazards	Harmful if swallowed. Contact with acids liberates toxic gas. Irritating to eyes and respiratory system. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Chronic 1: H410;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. 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. 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. P330 - Rinse mouth. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.
<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.
Troclosene sodium	613-030-00-X	2893-78-9	220-767-7		50 - 60%	E; R2 O; R8 Xn; R22 Xi; R36/37 R31 N; R50/53	
Adipic acid	607-144-00-9	124-04-9	204-673-3		20 - 30%	Xi; R36	

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Troclosene sodium	613-030-00-X	2893-78-9	220-767-7		50 - 60%	Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Adipic acid	607-144-00-9	124-04-9	204-673-3		20 - 30%	Eye Irrit. 2: H319;	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	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.
<b>Skin contact</b>	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. 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

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## 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

## 5.3. Advice for firefighters

Self-contained breathing apparatus. Wear protective clothing.

## 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

Avoid raising dust. 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.

## SECTION 8: Exposure controls/personal protection

### DNEL: Derived no-effect level.

No data is available on this product.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 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

Self-contained breathing apparatus. Wear protective clothing.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Tablet
Colour	Off white
Odour	Characteristic
pH	2 - 6
Solubility	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

Irritating to eyes.

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## 11.1.4. Toxicological Information

Adipic acid	Oral Rat LD50: >5500	Dermal Rabbit LD50: 7940
Troclosene sodium	Oral Rat LD50: 735	Dermal Rabbit LD50: >2000

## SECTION 12: Ecological information

## 12.1. Toxicity

Adipic acid	Daphnia LC50/48h: 46	
Troclosene sodium	Daphnia LC50/48h: 20	Rainbow trout LC50/96h: 22
	Bluegill sunfish LC50/96h: 28	

## 12.2. Persistence and degradability

	Water endangering.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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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

	UN3077
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## 14.2. UN proper shipping name

	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM DICHLOROISOCYANURATE ACID SALTS)
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## 14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

## ADR/RID

Hazard ID	90
Tunnel Category	(E)

## IMDG

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## IMDG

EmS Code	F-A S-F
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## IATA

Packing Instruction (Cargo)	956
Maximum quantity	400 kg
Packing Instruction (Passenger)	956
Maximum quantity	400 kg

## 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

Text of risk phrases in Section 3	R2 - Risk of explosion by shock, friction, fire or other sources of ignition. R8 - Contact with combustible material may cause fire. R22 - Harmful if swallowed. R31 - Contact with acids liberates toxic gas. R36/37 - Irritating to eyes and respiratory system. R36 - Irritating to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	EUH031 - Contact with acids liberates toxic gas. Ox. Sol. 2: H272 - May intensify fire; oxidiser. Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

## 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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