

# SAFETY DATA SHEET

**HYDRO 318**

Infosafe No.: HC02S  
ISSUED Date : 29/08/2016  
ISSUED by: Hydro-Chem Pty Ltd

## 1. IDENTIFICATION

### GHS Product Identifier

HYDRO 318

### Product Code

318

### Product Type

BOILER WATER CORROSION AND SCALE PREVENTATIVE

### Company Name

Hydro-Chem Pty Ltd

### Address

23B Industrial Drive Braeside  
VIC 3195

### Telephone/Fax Number

Tel: (03) 9553 1011

### Emergency phone number

1300 558 788

### Emergency Contact Name

Tony Ventura

### Recommended use of the chemical and restrictions on use

Initial Dose - Use at the rate of 400 ml Hydro 318 per 1000 Litres of water.

Maintenance Dose - 100 ml per Hydro 318 per 1000 Liters of water.

Consult your HydroChem technical representative for specific recommendation.

### Additional Information

Product Description : Corrosion and scale preventative for boilers and steam generators.

## 2. HAZARD IDENTIFICATION

### GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Information on Composition

All ingredients in this product are listed on the Australian Inventory of Chemical Substances (AICS).

### Ingredients

Name	CAS	Proportion
---PROPRIETARY INGREDIENTS ONLY---		-

## 4. FIRST-AID MEASURES

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### **Inhalation**

Remove victim from exposure - avoid becoming a casualty.

For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital.

### **Ingestion**

Rinse mouth thoroughly with water immediately.

### **Skin**

First rinse with plenty of water, then remove contaminated clothes, and rinse again. If swelling, redness, blistering or irritation occurs seek medical advice. Seek medical advice if effects persist.

### **Eye contact**

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.

Seek medical advice if effects persist.

### **Advice to Doctor**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

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### **Suitable Extinguishing Media**

Extinguishing Media : Use appropriate fire extinguisher for surrounding environment.

### **Specific Hazards Arising From The Chemical**

No unusual fire or explosion hazards.

Nil hazard.

## 6. ACCIDENTAL RELEASE MEASURES

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### **Emergency Procedures**

Contain all spills. Contain using sand and earth - prevent runoff into drains and waterways. Collect and clean/refine for re-use or disposal. Mop up and wash residues to drain with copious volumes of water.

### **Spills & Disposal**

Select from the following, depending upon the magnitude of the spill.

In the event of a small spill:

Use absorbent (soil or sand, sawdust, inert material, vermiculite).

Mop up. Wipe up residues with a cloth. Normally suitable for disposal at approved land waste site.

In event of large spill:

Refer to State Land Waste Management Authority. If contamination of crops or waterways has occurred advise State Department of Agriculture.

Contain all spills. Contain using sand and earth - prevent runoff into drains and waterways. Collect and clean/refine for re-use.

Mop up and wash residues to drain with copious volumes of water.

## 7. HANDLING AND STORAGE

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### **Precautions for Safe Handling**

Handle and open containers with care.

Gently agitate drums before use to ensure homogeneity.

Ensure the appropriate personal protective equipment is used when handling this material.

### **Conditions for safe storage, including any incompatibilities**

Keep container upright.  
Keep containers closed at all times.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

TLV not established

### Appropriate Engineering Controls

Use with adequate ventilation.

### Personal Protective Equipment

Wearing of the following personal protective equipment may be advisable.

Safety glasses.

Gloves required.

Wash contaminated clothing and protective equipment before storing/re-using.

Avoid skin and eye contact.

Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Form

Liquid

### Appearance

Pale mauve solution without noticeable odour.

### Boiling Point

102-104°C

### Specific Gravity

1.225 @ 20°C

### pH

7.0

### Vapour Pressure

Not Allocated

### Flash Point

Not Allocated

### Flammability

Non combustible. Non flammable.

### Flammable Limits - Lower

Not Allocated

## 10. STABILITY AND REACTIVITY

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### Chemical Stability

Stable under normal use conditons.

### Incompatible materials

Strong oxidizing agents.

Strong acids.

## 11. TOXICOLOGICAL INFORMATION

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### Toxicology Information

No data supplied.

**Ingestion**

Moderately toxic.

Ingestion can result in nausea, vomiting, diarrhoea, abdominal pain, and/or convulsions.

**Inhalation**

May cause irritation to the mouth, nose and throat.

**Skin**

Repeated or prolonged skin contact may lead to irritation.

**Eye**

A moderate eye irritant.

May cause watering of eyes.

**Chronic Effects**

No data supplied.

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## 12. ECOLOGICAL INFORMATION

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**Environmental Protection**

This substance may be hazardous to the environment; special attention should be given to the prevention of spills and to the correct clean-up procedures.

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal**

Refer to State Land Waste Management Authority or a Licensed disposal contractor for disposal.

Empty containers must be decontaminated, rinse with water before landfill disposal.

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## 14. TRANSPORT INFORMATION

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**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**Storage and Transport**

No special precautions required.

Store in well ventilated area.

Store in cool place and out of direct sunlight.

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## 15. REGULATORY INFORMATION

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**Poisons Schedule**

Not Scheduled

**Packaging & Labelling**

Labelling requirements of the Standard for Uniform Scheduling of Drugs and Poisons do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing purposes; however is labelled in accordance with the National Occupational Health and Safety Commission's 'National Code of Practice for the Labelling of Workplace Substances'.

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## 16. OTHER INFORMATION

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**Contact Person/Point**

Normal Working Hours - Ph: (03) 9553 1011 Fax: (03) 9553 1387  
Ask for the Facilities Manager, Sales Manager or Services Manager.  
After Hours - Ph : 1300 558 788

Further information/advice is available to those persons responsible for the design of safe work practices on their written request to HydroChem.

This SDS summarises to the best of our knowledge at the date of issue, the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

Hydro-Chem Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

If clarification or further information is required, the user should contact Hydro-Chem Pty Ltd using the contact details provided.

#### **Other Information**

##### **ABBREVIATIONS:**

- ACGIH - American Conference of Government Industrial Hygienists
- OSHA - Occupational Safety and Health Information
- TLV - Threshold Limit Value
- NOHSC - National Occupational Health & Safety Committee

### **END OF SDS**

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