

# SAFETY DATA SHEET

**HYDRO 417**

Infosafe No.: HC060  
ISSUED Date : 04/12/2015  
ISSUED by: Hydro-Chem Pty Ltd

## 1. IDENTIFICATION

### GHS Product Identifier

HYDRO 417

### Product Type

CORROSION AND SCALE INHIBITOR

### 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 1 L Hydro 417 per 1000 Litres of water.  
Maintenance Dose - 250-500 ml Hydro 417 per 1000 Litres of water.  
Consult your HydroChem technical representative for specific recommendation.

### Additional Information

Product Description : Corrosion and scale inhibitor for use in open cooling water recirculating systems.

## 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.  
Seek medical advice if effects persist.

### **Ingestion**

Give plenty of water to drink.  
Do not induce vomiting.  
Seek medical attention.

### **Skin**

Wash affected areas with copious quantities of water immediately.  
Remove contaminated clothing and wash before re-use.  
If swelling, redness, blistering or irritation occurs seek medical advice.

### **Eye contact**

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

### **Advice to Doctor**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

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### **Fire Fighting Measures**

As in any fire, wear an approved self-contained breathing apparatus in pressure-demand, and full protective gear.

### **Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

## 6. ACCIDENTAL RELEASE MEASURES

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### **Emergency Procedures**

IN CASE MATERIAL IS SPILLED OR RELEASED : Major or minor spills : Dilute with copious quantities of water (10:1). Flush to sewer drain only.

WASTE DISPOSAL METHODS: Once the product has been diluted with copious quantities of water, it is then safe enough to release to drain. Rinse container with water, deface all labels and puncture container prior to disposal.

## 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.

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

Keep away from direct sunlight and other sources of heat or ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### **Occupational exposure limit values**

No Exposure Limit Established

### **Personal Protective Equipment**

Respiratory protection : No special requirements.  
Protective gloves: PVC or rubber gloves.

Eye Protection : Chemical goggles or full face shield.

Other Protective Equipment : As appropriate depending on the volume of material handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Form

Liquid

### Appearance

Clear pale yellow liquid with no distinct odour.

### Boiling Point

approx 100°C

### Specific Gravity

approx 1.09 g/cm<sup>3</sup>

### pH

9 to 10

### Vapour Pressure

0.8 m/bar @ 30°C

### Flash Point

Not flammable

### Flammability

Not combustible.

### Flammable Limits - Lower

None allocated

### Other Information

Solubility in water : miscible.

## 10. STABILITY AND REACTIVITY

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### Possibility of hazardous reactions

STABILITY : Stable

CONDITIONS TO AVOID : Keep away from heat, combustibles and other chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (Materials to avoid): Acids and alkalis.

## 11. TOXICOLOGICAL INFORMATION

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### Ingestion

May cause irritation to mouth, throat and stomach.

Ingestion can cause nausea and vomiting.

### Inhalation

May cause irritation to the nose and throat.

### Skin

Repeated or prolonged skin contact may lead to irritation.

### Eye

A moderate eye irritant.

### Chronic Effects

None known.

## 12. ECOLOGICAL INFORMATION

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### Information on Ecological Effects

Major components are inherently biodegradable, but contains components that are persistent in the environment.

### Environmental Protection

Environmental toxicity

## 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.

## 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

Store in upright, original container in accordance with local statutory requirements. Transport in accordance to current Australian Code for the Transport of Dangerous Goods by road and rail.

## 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'.

## 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.

**Revisions Highlighted**

Sections : 2.

**END OF SDS**

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