

# SAFETY DATA SHEET

**HYDRO 348**

Infosafe No.: HC02Q  
ISSUED Date : 07/08/2015  
ISSUED by: Hydro-Chem Pty Ltd

## 1. IDENTIFICATION

### GHS Product Identifier

HYDRO 348

### Product Code

348

### Product Type

GENERAL PURPOSE ANTIFOAM

### 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

Normally use at the rate of 50 - 100 ml HYDRO 348 per 1000 Litres of water.  
Consult your HydroChem technical representative for specific recommendation.

### Additional Information

Product Description : Foam suppression in boilers, cooling circuits and effluent plants.

## 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
Blend of polyalkane glycols and inert hydrophobes emulsified in water		0-100 %

## 4. FIRST-AID MEASURES

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### Inhalation

Non-volatile.

### Ingestion

Rinse mouth thoroughly with water immediately.  
Give plenty of water to drink.

### Skin

Wash affected areas with copious quantities of water immediately.

### Eye contact

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

## 5. FIRE-FIGHTING MEASURES

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### Suitable Extinguishing Media

EXTINGUISHING MEDIA: Water jets, Water fog or Spray, Foam, Dry agent or Carbon dioxide.

### Specific Hazards Arising From The Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Contain using sand and earth - prevent runoff into drains and waterways. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Wipe up residue with a cloth. Collect and seal in properly labelled drums for 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.  
Avoid prolonged or repeated contact with skin and eyes.  
Ensure the appropriate personal protective equipment is used when handling this material.

### Conditions for safe storage, including any incompatibilities

Keep only in original container.  
No special storage requirements.  
Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

Silica, amorphous; OSHA PEL : TWA 6 mg/m<sup>3</sup>

ACGIH TLV : TWA 10 mg/m<sup>3</sup>

Stearates; ACGIH TLV : TWA 10 mg/m<sup>3</sup>

TLV is the time weighted average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect. These TLVs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible.

These TLVs should not be used as fine lines between safe and dangerous concentrations.

#### **Appropriate Engineering Controls**

No special ventilation required.  
Use in a well ventilated area only.

#### **Personal Protective Equipment**

Protective Equipment:

Eyes: Use proper protection - safety glasses, as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation : No respiratory protection should be needed.

Suitable precautions are for room temperature handling, use at elevated temperatures, or aerosol/spray applications, may require added precautions.

\*\* Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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#### **Form**

Liquid

#### **Appearance**

A creamy white liquid with a slight odour.

#### **Boiling Point**

100°C (212°F) @ 760 mmHg

#### **Solubility in Water**

Completely miscible

#### **Specific Gravity**

1.003 @ 25°C

#### **pH**

5 - 8

#### **Vapour Pressure**

18 mm Hg @ 25°C

#### **Vapour Density (Air=1)**

That of moist air (air = 1 @ 25°C)

#### **Viscosity**

4000 - 7000 mPas @ 20°C

#### **Flammability**

Non combustible material.

## **10. STABILITY AND REACTIVITY**

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#### **Possibility of hazardous reactions**

Stability; stable

Incompatibility (materials to avoid); oxidizing material can cause a reaction.

Hazardous Decomposition Products; sulphur oxides, nitrogen oxides, chlorine compounds and silicon dioxide. At temperatures above 150°C traces of formaldehyde is released through oxidation. This applies for the silicone content of the substance.

Hazardous Polymerisation; will not occur.

## 11. TOXICOLOGICAL INFORMATION

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### **Toxicology Information**

No data supplied.

### **Ingestion**

May cause irritation to mouth, throat and stomach.

### **Inhalation**

May cause slight irritation to the throat and lungs.

### **Skin**

Repeated or prolonged skin contact may lead to irritation.

### **Eye**

May cause watering of eyes.

May cause soreness.

### **Chronic Effects**

No known adverse chronic health effects , but unnecessary exposure to any chemical should be avoided.

This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

No injury from silica dusts should occur during reasonable use. If use creates respirable particles some respiratory system injury may occur.

## 12. ECOLOGICAL INFORMATION

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### **Environmental Protection**

This substance may be hazardous to the environment; special attention should be given to not discharging product to waterways or sewers.

## 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**

Precautions to be taken in handling and storing. Keep from freezing. Use reasonable care and caution.

## 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'.

Pack sizes : 15 L carboys or 200 L drums.

## 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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