

SAFETY DATA SHEET

HYDRO 445

Infosafe No.: HC02L
ISSUED Date : 25/08/2016
ISSUED by: Hydro-Chem Pty Ltd

1. IDENTIFICATION

GHS Product Identifier

HYDRO 445

Product Code

445

Product Type

CLOSED CIRCUIT CORROSION 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 445 per 1000 Litres of water.
Maintenance Dose - 125-150 ml Hydro 445 per 1000 Litres of water.
Consult your HydroChem technical representative for specific recommendation.

Additional Information

Product Description : Corrosion inhibitor for closed heating and cooling water 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
Water	7732-18-5	TO 100%
Tannin	1401-55-4	10-60 %

4. FIRST-AID MEASURES

Inhalation

Remove victim from exposure - avoid becoming a casualty.

Ingestion

Give water or milk to drink and induce vomiting. Use fingers in the throat, Ipecac Syrup (APF) or similar emetic. Seek immediate medical assistance.

Skin

Wash with plenty of soap and water.

Eye contact

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

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Extinguishing Media : Water jets, water fog or spray.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Major spills should be contained, absorbed on sand or earth and placed in drums for disposal. Minor spills and residuals may be hosed down with excess water.

Incinerate liquid and contaminated diking material at a permitted facility in accordance with local and State regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handle and open containers with care.
Vigorously agitate containers before use.

Conditions for safe storage, including any incompatibilities

No special storage requirements.
However, leaks of this product on floors or walls should be rinsed immediately with water to prevent staining.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No data supplied.

Appropriate Engineering Controls

No special ventilation required.

Personal Protective Equipment

Protective Gloves: Rubber
Eye Protection: Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

A dark brown liquid with a tannin odour.

Boiling Point

90-100°C

Specific Gravity

1.10 at 25°C

pH

10.0

Vapour Pressure

Not Allocated

Flash Point

> 100°C

Flammability

Non combustible. Non flammable.

Flammable Limits - Lower

Not Allocated

Other Information

Solubility in water: 100%

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions

Stable.

11. TOXICOLOGICAL INFORMATION

Ingestion

Ingestion can cause nausea and vomiting.

Inhalation

Does not present an inhalation hazard.

Skin

Contact with skin will result in mild irritation.

Eye

A moderate eye irritant.

Chronic Effects

There have been no reports in the literature of health effects in workers arising from long term exposure to this substance and no comprehensive human studies have been conducted. No animal tests have been conducted for long term effects.

12. ECOLOGICAL INFORMATION

Environmental Protection

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

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

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

Storage and Transport

This product is not considered as dangerous goods under current T.D.G.A. regulations.

Observe the requirements of the Australian Code for the transport of dangerous goods by road and rail.

15. REGULATORY INFORMATION

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

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.

END OF SDS

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