

SAFETY DATA SHEET

HYDRO 429

Infosafe No.: HYD07
ISSUED Date : 03/05/2016
ISSUED by: Hydro-Chem Pty Ltd

1. IDENTIFICATION

GHS Product Identifier

HYDRO 429

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 1000 ml Hydro 429 per 1000 Litres of water.
Maintenance Dose - 250-500 ml of Hydro 429 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--		0-100 %

4. FIRST-AID MEASURES

Inhalation

Inhalation of any vapours from this product is not likely to present an acute hazard.
If symptoms persist, obtain medical attention.

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

Fire Fighting Measures

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

Suitable Extinguishing Media

Extinguishing Media : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Special Protective Equipment for fire fighters

Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

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.

Spills & Disposal

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Personal Protection

Appropriate safety and protective clothing should be worn.
Goggles or face shield , PVC or rubber gloves, safety shoes and suitable protective clothing or apron.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities

No special storage requirements.

Keep in a secure, well-ventilated building or warehouse.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

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

Ensure ventilation is adequate to meet TLV as a minimum.

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

Form

Liquid

Appearance

Clear pale yellow liquid with no distinct odour.

Boiling Point

approx 100°C

Solubility in Water

Soluble in all proportions

Specific Gravity

approx 1.09 g/cm³

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

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

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

Environmental Protection

No data supplied.

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

Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled Other: Not Scheduled

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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