

# SAFETY DATA SHEET

**COILKLEEN**

Infosafe No.: HC04Y  
ISSUED Date : 17/03/2023  
ISSUED by: Hydro-Chem Pty Ltd

## Section 1 - Identification

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**Product Identifier**

COILKLEEN

**Product Type**

ACIDIC COIL CLEANING AGENT

**Company Name**

Hydro-Chem Pty Ltd

**Address**

23B Industrial Drive Braeside  
VIC 3195 AUSTRALIA

**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 1 Litre COILKLEEN per 5 Litres of water.  
Consult your point of purchase technical representative for specific recommendation.

**Additional Information**

Product Description: An acidic cleaning agent for evaporative coils made of aluminium, iron and stainless steel.

## Section 2 - Hazard(s) Identification

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**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Corrosive to metals: Category 1

Eye damage/irritation: Category 1

Skin corrosion/irritation: Category 1B

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

**Pictogram (s)**

Corrosion



#### Precautionary Statement – Prevention

P234 Keep only in original packaging.

P260 Do not breathe dusts or mists.

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

#### Precautionary Statement – Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

#### Precautionary Statement – Storage

P405 Store locked up.

P406 Store in a corrosion resistant container with a resistant inner liner.

#### Precautionary Statement – Disposal

P501 Dispose of contents/container to / in accordance with local regulations..

### Section 3 - Composition and Information on Ingredients

#### Ingredients

Name	CAS	Proportion
Water	7732-18-5	TO 100%
Phosphoric acid	7664-38-2	10-60 %

#### Information on Composition

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

### Section 4 - First Aid Measures

#### Inhalation

Seek medical advice if effects persist.

Remove victim to fresh air.

#### Ingestion

Give plenty of water to drink.

Seek medical attention.

Do not induce vomiting.

#### Skin

Wash with plenty of soap and water.

Seek medical attention.

#### Eye

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.

## Section 5 - Firefighting 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

Extinguishing Media : Water jets, Water fog or Spray, foam, Dry agent, Carbon dioxide.

### Specific hazards arising from the chemical

SPECIAL FIRE FIGHTING PROCEDURES: No special requirements.

### Hazchem Code

2R

## Section 6 - Accidental Release Measures

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### Emergency Procedures

IN CASE MATERIAL IS SPILLED OR RELEASED : Major spills should be contained, absorbed on sand or earth etc. and placed in sealed drums for reuse or disposal. Wash area down with large quantities of water. Minor spills and residues may be hosed down with excess water.

WASTE DISPOSAL METHODS: Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

### Spills & Disposal

IN CASE MATERIAL IS SPILLED OR RELEASED : Major spills should be contained, absorbed on sand or earth etc. and placed in sealed drums for disposal.

Wash area down with large quantities of water. Minor spills and residues may be hosed down with excess water.

WASTE DISPOSAL METHODS: Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

## Section 7 - Handling and Storage

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### Precautions for Safe Handling

Handle and open containers with care.

Do not empty into drains

Avoid prolonged or repeated contact with skin, eyes and clothing .

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

### Conditions for safe storage, including any incompatibilities

Keep only in original container.

Keep container tightly closed and dry

Keep away from children, foodstuffs and animal feed

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

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

Phosphoric Acid :

Threshold Limit Value (TLV) : TWA = 1 mg/m<sup>3</sup>

STEL = 3 mg/m<sup>3</sup>

### Engineering Controls

Use with adequate ventilation.

### Personal Protective Equipment

Wearing of the following personal protective equipment may be advisable.

Safety glasses, goggles or faceshield as appropriate.

PVC or rubber gloves.

Splash apron.

Boots.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	A dark green liquid with no distinct odour.
Boiling Point	100°C	Specific Gravity	1.328 @ 20°C
pH	1.0	Vapour Pressure	0.0285 mmHg @ 20°C
Flash Point	None	Flammability	Not flammable under conditions of use.
Flammable Limits - Lower	Not known		

### Other Information

Solubility in water : 100%

## Section 10 - Stability and Reactivity

### Possibility of hazardous reactions

STABILITY : Stable

CONDITIONS TO AVOID : None

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, can emit fumes of POx

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (Materials to avoid): Strong alkalis.

## Section 11 - Toxicological Information

### Toxicology Information

Phosphoric Acid : Oral LD50 (rat) = 1530 mg/kg.

Strong mineral acid, corrosive to all tissues.

#### Ingestion

Ingestion can result in nausea, vomiting, diarrhoea, abdominal pain, and/or convulsions. May cause severe burns to the mouth, throat and stomach.

#### Inhalation

Does not present an inhalation hazard.

#### Skin

Corrosive to skin - may cause skin burns.

#### Eye

Corrosive to eyes; contact can cause corneal burns.

#### Chronic Effects

There have been no reports in the literature of health effects in workers from long term exposure.

## Section 12 - Ecological Information

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### Ecotoxicity

Ecotoxicity Value: Phosphoric Acid

11m mosquito fish = 138 mg/L/24-96 hr in turbid water at 22-24°C.

Thoroughly flush residue with water but do not contaminate waterways. This product is toxic to fish and aquatic invertebrates.

## Section 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.

## Section 14 - Transport Information

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### ADG U.N. Number

1805

### ADG Proper Shipping Name

PHOSPHORIC ACID

### ADG Transport Hazard Class

8

### ADG Packing Group

III

### Hazchem Code

2R

### EPG Number

8A1

### IERG Number

37

### Storage and Transport

Must be stored and transported in accordance with State and Territory Dangerous Goods Regulations.

## Section 15 - Regulatory Information

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### Poisons Schedule

S6

### Packaging & Labelling

This product is sold via HVAC stores. Therefore labelled in accordance with the ADG Code and the Standard for the Uniform Scheduling of Drugs and Poisons.

## Section 16 - Any Other Relevant 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.

## END OF SDS

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