

# Material Safety Data Sheet

CS: 1.4.22

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Infosafe No™ HC03I Issue Date : March 2009 ISSUED by HYDROCHM CS: 1.4.22

Product Name **COILOX**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** COILOX  
**Product Code** 409  
**Company Name** Hydro-Chem Pty Ltd  
**Address** 27 Viking Court Cheltenham  
VIC 3192  
**Telephone/Fax Number** Tel: (03) 9553 1011  
Fax: (03) 9553 1387  
**Recommended Use** Heavy duty coil cleaning concentrate.  
DIRECTIONS FOR USE : For specific applications, consult Hydro-Chem. In general use at dilution rate of 1:4 with water.

**Other Information** This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS 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.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Liquid  
**Information on Composition** All ingredient in this product are listed on the Australian Inventory of Chemical Substances (AICS).  
**Ingredients**

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
---PROPRIETARY		-
INGREDIENTS ONLY-		
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## 4. FIRST AID MEASURES

**Inhalation** Remove victim to fresh air. Recovery should be rapid after removal from exposure. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital.  
**Ingestion** Rinse mouth thoroughly with water immediately. Give plenty of water 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.  
Avoid excessive skin contact.  
**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.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards** No unusual fire or explosion hazards. Low hazard

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Increase ventilation. Work upwind. If spillage occurs in a confined space ensure adequate ventilation. Contain all spills. Contain using sand and earth - prevent runoff into drains and waterways.  
Mop up.  
Wipe up residue with a cloth.  
Collect and seal in properly labelled drums for disposal.  
Normally suitable for disposal at approved land waste site.  
Wash area down with excess water.

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## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Handle and open containers with care. Gently agitate drums before use to ensure homogeneity. Do not empty into drains

**Conditions for Safe Storage** Keep container tightly closed and in a cool, well-ventilated place. Keep away from direct sunlight and other sources of heat or ignition.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** TLV not established

**Engineering Controls** Use with adequate ventilation.

**Personal Protective Equipment** Apply standard good housekeeping practices when handling concentrated product. Wear chemical resistant gloves and safety glasses, goggles.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** Liquid

**Appearance** Clear green liquid. Slight odour.

**Boiling Point** Not Allocated

**Specific Gravity** 1.11 @ 20°C

**pH Value** 11.5 - 12.5

**Vapour Pressure** Not Allocated

**Flash Point** Not Allocated

**Flammability** Non flammable.

**Flammable Limits - Lower** Not Allocated

**Other Information** Solubility in water : Soluble.

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## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under normal use conditions.

**Conditions to Avoid** Heat, flames and sparks. Direct sources of heat

**Hazardous Decomposition Products** None known.

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## 11. TOXICOLOGICAL INFORMATION

**Inhalation** May cause irritation to the mouth, nose and throat.

**Ingestion** Ingestion can result in nausea, vomiting, diarrhoea, abdominal pain, and/or convulsions.  
May cause damage to the mucous membranes.

**Skin** Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to dermatitic effects.

**Eye** A moderate eye irritant. High concentrations of vapours will cause irritation.

**Chronic Effects** Repeated or prolonged skin contact can cause chronic dermatitis.

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## 12. ECOLOGICAL INFORMATION

**Environ. Protection** This substance may be hazardous to the environment; special attention should be given to prevention of spillages and correct clean-up procedures.

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## 13. DISPOSAL CONSIDERATIONS

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## 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.

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**Storage and Transport**      Store in cool place and out of direct sunlight. Ensure containers are clearly labelled. Keep containers closed at all times.  
Store away from heat source (e.g. boiler, furnace)

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## 15. REGULATORY INFORMATION

**Poisons Schedule**      Not Scheduled

**Packaging & Labelling**      5 litre plastic.  
As required by the ADG Code and the Standard for the Uniform Scheduling of Drugs and Poisons.

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## 16. OTHER INFORMATION

### Contact

**Person/Point**      Normal Working Hours - Telephone: (03) 9553 1011      Facsimile: (03) 9553 1387  
Ask for Facilities Manager, Sales Manager or Services Manager.  
After Hours - Telephone : 1300 558 788

**Other Information**      Further information/advice is available to those persons responsible for the design of safe work practices on their written request to Hydro-Chem.  
Hydro Balance is a range of products developed and manufactured by Hydro-Chem for the preventative maintenance of air conditioning and refrigeration systems.  
...End Of MSDS...

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