

SAFETY DATA SHEET

STA-CLEAN COIL COAT

Infosafe No.: HC03F
ISSUED Date : 27/03/2018
ISSUED by: Hydro-Chem Pty Ltd

1. IDENTIFICATION

GHS Product Identifier

STA-CLEAN COIL COAT

Product Type

BACTERIAL CONTROL AGENT

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

Ensure coil is thoroughly clean and dry before application. Shake well before use. Spray coil from intake side, leaving air flow on to aid complete penetration. Dampen entire surface. Turn system off for at least 30 minutes and allow to dry thoroughly before turning system back on. Keep liquid out of electrical components.

Other Names

Name	Product Code
STA CLEAN	

Additional Information

Product Description: A cooling coil anti-foulant coating.

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
Acrylic Polymer	N/A	10-30 %
Dipropylene glycol methyl ether	34590-94-8	0-<1 %
--PROPRIETARY INGREDIENTS ONLY--		to make 100%

4. FIRST-AID MEASURES

Inhalation

Remove victim to fresh air.
If rapid recovery does not occur, obtain medical attention.

Ingestion

If swallowed, do NOT induce vomiting, seek medical advice.

Skin

Wash affected areas with copious quantities of water immediately.
Seek medical advice if effects persist.

Eye contact

Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

Advice to Doctor

Treat symptomatically.

Indication of immediate medical attention and special treatment needed if necessary

Specific treatments: Show this safety data sheet to the doctor in attendance.

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

Use appropriate fire extinguisher for surrounding environment.

Specific Hazards Arising From The Chemical

No specific hazards

Decomposition Temperature

Not determined

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Keep unnecessary personnel away. Ventilate closed spaces before entering. Floor may be slippery; use care to avoid falling.

Spills & Disposal

ACCIDENTAL RELEASE MEASURES: Keep spectators away. Floor may be slippery; use care to avoid falling. Contain using sand and earth - prevent runoff into drains and waterways. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

DISPOSAL CONSIDERATIONS: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handle and open containers with care.
Only use in well-ventilated areas.
Gently agitate drums before use to ensure homogeneity.
When using do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed and dry
Keep away from direct sunlight and other sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No Exposure Limit Established

Appropriate Engineering Controls

Use in a well ventilated area only.

Eye Protection

Wear safety glasses with side shields. If splash potential exists, wear full face shield or chemical goggles.

Hand Protection

Wear suitable rubber gloves.

Personal Protective Equipment

Not required for normal use. In case of insufficient ventilation. A respiratory protection program meeting AS1716 and AS1715 requirements must be followed whenever workplace conditions warrant a respirator's use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

A milky blue, opaque liquid with a slight ammonia odour.

Decomposition Temperature

Not determined

Boiling Point

Not Allocated

Solubility in Water

Dilutable

Specific Gravity

1.015 @ 20°C

pH

9 - 10

Vapour Pressure

17 mm Hg (20°C) approx.

Vapour Density (Air=1)

Not determined

Evaporation Rate

< 1 approx. (water = 1)

Viscosity

Not determined

Partition Coefficient: n-octanol/water

Not determined

Flash Point

Non combustible

Flammability

Not applicable.

Flammable Limits - Lower

Not applicable

Flammable Limits - Upper

Not applicable

Explosion Limit - Upper

Not applicable

Explosion Limit - Lower

Not applicable

Initial boiling point and boiling range

Not determined

Melting/Freezing Point

Not determined

10. STABILITY AND REACTIVITY

Reactivity and Stability

Stable under normal temperature conditions and recommended use.

Conditions to Avoid

No data available

Incompatible materials

None known

Hazardous Decomposition Products

Thermal decomposition may yield acrylic polymers.

Hazardous Polymerization

Does not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

ACUTE DATA: The information shown in the HEALTH HAZARD INFORMATION section is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product. Typical data are: Dermal LD50 (rabbit) = >2000 mg/kg, Oral LD50 (rat) = >5000 mg/kg

Skin irritation - rabbit: practically non-irritating

Eye irritation - rabbit: inconsequential irritation.

Ingestion

Very low toxicity if swallowed.

Inhalation

Inhalation of vapour or mist can cause the following: headache, nausea, irritation to nose, throat and lungs.

Skin

Repeated or prolonged skin contact may lead to irritation.

Eye

May be an eye irritant.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not expected to be harmful to or demonstrate chronic toxicity to aquatic organisms.

Persistence and degradability

Data not available

Mobility

Data not available

Bioaccumulative Potential

Data not available

Other Adverse Effects

None known.

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

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Packaging & Labelling

1 Carton = 8 x 1 litre bottle with spray trigger.

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.

Other Information

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 SDS

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