

V-TREAT™ 300 Scale & Corrosion Inhibitor

Product Description

V-TREAT 300 scale and corrosion inhibitor is a molybdate-nitrite based product which gives excellent corrosion inhibition in water systems. It is recommended for corrosion control in closed cooling water circuits, chilled water systems and engine cooling. It can also be used for passivating mild steel surfaces. V-TREAT 300 contains a specific inhibitor for copper and copper alloys and can be used to protect aluminium.

Product Benefits

- Provides corrosion protection across a variety of metallurgies commonly found in combustion engines and industrial cooling and heating systems.
- Wide operating window.
- Simple testing and control required.

Product Application

V-TREAT can be added at fixed ratio to makeup water volume or in smaller amounts to maintain product residual. Application is recommended by slug dosing through a dosing pot to your closed hot water or chilled water system. Alternatively, metering pumps can be used with the appropriate controls.



Product Dosage

The amount of V-TREAT 300 required depends on the quality of the make up water, system design and operating conditions. Your Visentia Water Treatment Consultant can recommend the proper dosage for your system.

Testing & Control

A standard test for Molybdate can be used to verify product residual in your system. V-TREAT 300 should be applied to the system in order to maintain the level of Molybdate within the recommended range for optimum results.

Physical Properties

Form:	Liquid
Odour:	Not available
Colour:	Pale yellow
pH (25°C):	11
Melting/Freezing Point:	Not available
Boiling Point:	100°C
Solubility (water, 25°C)	Soluble
Flammability:	Non-flammable
Relative Density:	1.15 – 1.20
Viscosity:	Not available

Regulatory & Handling Considerations

MPI Dairy: V-TREAT 300 is recognised by the Ministry of Primary Industries New Zealand as a Dairy Maintenance Compound; approved for treatment of cooling systems in dairy factories when used in accordance with recommended operating conditions/guidelines.

MPI Non-Dairy: V-TREAT 300 is approved by the Ministry of Primary Industries New Zealand as a Non-Dairy Maintenance Compound for treatment of boilers, steam lines and/or cooling systems in food and beverage processing plants, where the treated water or steam does not come into contact with food products or process equipment (C 62).

Refer to the SDS or contact your Visentia water treatment consultant for any additional regulatory and environmental information.

Safety: Visentia maintains an SDS for all its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers. Our SDS should be read and understood by all your supervisory personnel and employees before using Visentia products in your facilities.

Packaging

V-TREAT 300 is available in 20L pail, 200L drum and 1,000L IBC packaging options.



Further Information

If you require any further details on Visentia's products or services, please call your local Visentia water treatment consultant or directly to our Auckland head office on +64 9 216 9824.