

BIOTROL™ 145 Oxidising Biocide

Product Description

BIOTROL 145 oxidising biocide is a broad-spectrum antimicrobial product designed specifically for control of algae, bacteria and fungi in recirculating commercial and industrial cooling water towers, evaporative condensers and air washers.

Product Benefits

BIOTROL 145 offers the broad-spectrum control of chlorine without the difficulties of handling and feeding chlorine gas.

Product Application

The dosage of BIOTROL 145 required for a specific application will depend upon a number of factors including: the nature and extent of the microbiological contamination, the control desired and the retention time in the system. Where necessary, your Visentia water treatment consultant will arrange for microbiological and chemical analyses so that technical advice can be given concerning specific site problems.

BIOTROL 145 should be added to a water treatment system at a point of uniform mixing. Addition may be intermittent (slug dose) or continuous. To clean badly fouled systems, discontinue the blowdown for twenty-four hours and shock feed the system.

Product Dosage

Initial Dose: When the system is noticeably fouled, add 0.1 to 10 kilograms per m³ of water in the system of BIOTROL 145. Repeat until control is evident.

Subsequent Dose: When microbial control is evident, add 0.01 to 0.3 kilograms per m³ of water in the system of BIOTROL 145 as needed to maintain control.

Physical Properties

Form:	Liquid
Odour:	Chlorine odour
Colour:	Pale, yellow-green
pH (25°C):	12.5
Melting/Freezing Point:	NA
Boiling Point:	100°C
Solubility (water, 25°C)	Miscible
Flammability:	NA
Relative Density:	1.24
Viscosity:	NA

Regulatory & Handling

MPI Dairy: BIOTROL 145 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: BIOTROL 145 is approved by the Ministry of Primary Industries New Zealand as a Non-Dairy Maintenance Compound for treatment of potable and process water in food and beverage processing plants when used in accordance with recommended operating conditions/guidelines (C 61).

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 of your supervisory personnel and employees before using Visentia products in your facilities.

Packaging

BIOTROL 145 oxidising biocide is available in 20L pails, 200L drums and 1,000L IBCs.



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.