

Algaecide for Industrial Water Systems

Description

Bellacide 325 is a highly effective specialized algaecide for use in industrial cooling and ornamental water systems.

Application

Bellacide 325 possesses EPA approvals not only for use in industrial cooling and process water applications, but also decorative and ornamental fountains. It also holds NSF approval for applications found in a food & beverage environment.

Benefits

Bellacide 325 is a dilute, 4% aqueous dispersion of terbuthylazine (TBZ) that, when used synergistically with biocides such as LiquiBrom[®] series provides:

- 8-times better algal inhibition than non-oxidizing biocides such as glutaraldehyde or DBNPA
- Selective control of all algal growth by inhibiting photosynthesis
- Elimination of many of the problems caused by unchecked algal growth (i.e.- loss of cooling efficiency, increased corrosion, blockages and unsightly visible contamination)
- Cost effective and prolonged protection against all identified strains of algae, even at low halogen levels

Usage

- In the absence of halogens, 75 ppm product or 3 ppm a.i. should be maintained.
- In the presence of halogens, 25 ppm product or 1 ppm a.i. should be maintained. The halogen can either be shock dosed (e.g. 0.5 – 1 ppm free halogen for 1 hour once per day) or continuously dosed (0.1 – 0.3 ppm free halogen).

*Please consult with your BWA Water Additives representative to determine optimal dosage recommendations for your system.

Packaging / Weight

Pail	50 lb	25 kg
Drum	450 lb	200 kg
IBCs/Totes	2,200 lb	1000 kg

Bulk quantities available. Consult your sales representative for availability.

Physical Properties

Appearance	Off-white suspension
Odor	Slight
Active content	4.2 - 3.8% terbuthylazine (TBZ)
Specific gravity	0.95-1.05 at 20°C
pH of undiluted product	6.0-9.0 at 20°C (63°F)
Viscosity	400-1000 cP @ 20 °C
Boiling range (760 mm Hg)	100-101°C (213-214°F)
Freezing point	
Solubility in:	
-Water	Miscible
Ability to be Neutralized	Yes
pH limitations	Stable in neutral, alkaline, and acidic solution and can be used in cooling water within the pH range of 6-9

Further details are available in the safety data sheet



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