TRIDENT TOWERGUARD ULTRA

Water Tower Treatment Concentrate

Form: Liquid

Color: Yellow

Odor: Mild

pH: 12.5 – 13.5

Solubility (in water): Soluble
(in mineral spirits): Insoluble

VOC Content (% by weight): <10.0 %

Flash Point (ASTM D-7821): >212°F

Specific Gravity: 1.10 g/cm^3

Density: 9.18 lbs/gal

Storage Stability (at 70^{o}F): 1 year

Use to…

- Inhibit scale formation
- Control rust and corrosion
- Condition tower water
- Lower fuel and maintenance costs

Use in …

- Open loop system
- Closed loop system

Ingredients	C.A.S. #
Water	7732-18-5
Corrosion & Scale Inhibitors, Proprietary	No CAS #
Potassium Hydroxide, 45%	1310-58-3
Benzotriazole	95-14-7
Sodium Molybdate	7631-95-0

DIRECTIONS: Dosages of TRIDENT TOWERGUARD ULTRA will depend on the characteristics of the makeup water the permissible cycles of concentration, and a cooling towers' rated tonnage versus its operational tonnage. TRIDENT TOWERGUARD ULTRA should be fed at a rate of 200 to 300 ppm (25 to 40 ounces per 1000 gallons of cooling water capacity). It should be fed to maintain a residual molybdate test level of between 1.65 and 2.50 ppm molybdate.

It is recommended that TRIDENT TOWERGUARD ULTRA be fed on a continuous basis using a suitable treatment pump and control unit. It may be fed directly from the drum or diluted to a convenient concentration with water. It should be fed to a point in the system where it will be thoroughly mixed and evenly distributed. TRIDENT TOWERGUARD ULTRA should be used in conjunction with an alternating algaecide and biocide treatment program. If bacteria and organic fouling is severe, a biofilm remover, such as TRIDENT BIOSPERSE, is also recommended.

HMIS				NFPA
	Severe	4	Extreme	
Health 2	Serious	3	High	Health..... 2
Flammability..... 1	Moderate	2	Moderate	Flammability..... 1
Reactivity..... 0	Slight	1	Slight	Reactivity..... 0
Personal Protection..... X	Minimal	0	Insignificant	Special Precautions..... None

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