

# Scientific™ C22V Cooling Water Care

## Solid concentrate product for corrosive conditions



A solid concentrate that is a proprietary water care for corrosive conditions and one that utilizes modern anti-scaling, anti-fouling, and corrosion inhibitor technology. The Scientific™ C22V product inhibits ferrous metal corrosion utilizing both cathodic and anodic protection, and copper corrosion inhibitors. Blended with a fluorescent dye, it allows for online tracking and monitoring with probes and controllers.

### Application

To be used in conjunction with Scientific™ Ultra-S Dissolving Unit. Can be used in tower water systems. Maximum solubility will be reached at 26.5 °C.

### Recommended Dosages

Water Quality*		Dosage	Method	Monitored PTSA
Ryzner Stability Index	Langelier Saturation Index	Chemical Level in Recirculating Water	Organo-Phosphonate	
6.0–6.5	0.0– -0.20	10–25 ppm	2.0–4.0 ppm	60–100 ppb
6.5–7.5	-0.20– -0.75	25–40 ppm	4.0–6.5 ppm	100–160 ppb
7.5–8.5	-0.75– -1.50	40–50 ppm	6.5–8.0 ppm	160+ ppb

\* At 20ppm, 1 case of product is equivalent to 220 kg of a conventional liquid product. Liquid equivalent comparative values will vary, dependent upon concentrations.

Typical Properties	
Appearance	Solid form
Odour	Mild
Molecular Formula	C <sub>2</sub> H <sub>2</sub> Na <sub>3</sub> O <sub>6</sub> P
pH	7–8 (10 g/L)
Water Solubility (g/l) @ 20°C	Soluble

### Advantages

- A solid concentrate proprietary water care product
- Simple application via the Scientific™ Ultra-S Dissolving Unit
- Solid chemistry with no potential to leak when compared to liquid alternatives
- Increase in cycles, aiding in improved efficiency and water consumption



The Scientific™ C22 V Cooling Tower Care utilizes modern anti-scaling, anti-fouling and corrosion inhibition technology. It inhibits ferrous metal corrosion utilizing both cathodic and anodic protection, and copper corrosion inhibitors.



Application of the Scientific™ C22 V Cooling Tower Care is simple via the Scientific™ Ultra-S Dissolving Unit

## Storage

Store in original container. Prevent seepage into the ground. Keep container tightly closed in a dry and well-ventilated place. Store away from oxidising agents and foodstuffs. Do not store in aluminium, copper or zinc containers. Keep packaging clean and free of all contamination.

## Safety & First Aid Measures

Please consult product Safety Data Sheet (SDS).

## Packaging

The Scientific™ C22V Cooling Water Care is supplied in 2.28 kg discs, 8 units supplied in a case.

## Product Code

Scientific™ C22 V Cooling Water Care : SCIC20V



## Benefits of Scientific™ C solid chemistry

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