Scientific™ C20V Cooling Water Care
Solid concentrate product for stressed conditions

The Scientific™ C20V product is a proprietary water care for stressed conditions. A solid concentrate, it utilizes modern anti-scaling, anti-fouling, and corrosion inhibitor technology. The product works together with conventional chemistry to help provide protection to the system at low product dosage rates. 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

<table>
<thead>
<tr>
<th>Water Quality*</th>
<th>Dosage Method</th>
<th>Monitored PTSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ryzner Stability Index</td>
<td>Langelier Saturation Index</td>
<td>Chemical Level in Recirculating Water</td>
</tr>
<tr>
<td>6.0–4.0</td>
<td>0.0–2.0</td>
<td>15–25 ppm</td>
</tr>
<tr>
<td>4.0–3.0</td>
<td>2.0–3.0</td>
<td>25–40 ppm</td>
</tr>
<tr>
<td>&lt; 3.0</td>
<td>&lt; 3.0</td>
<td>40+ ppm</td>
</tr>
</tbody>
</table>

* At 20 ppm, 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid form</td>
</tr>
<tr>
<td>Odour</td>
<td>Mild</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>C₂H₄Na₄O₇P₂</td>
</tr>
<tr>
<td>pH</td>
<td>7–8 (10 g/l)</td>
</tr>
<tr>
<td>Water Solubility (g/l) @ 20°C</td>
<td>Soluble</td>
</tr>
</tbody>
</table>

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
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™ C20 V Cooling Water Care is supplied in 2.28 kg discs, 8 units supplied in a case.

Product Code

Scientific™ C20 V Cooling Water Care : SCIC20V

Application of the Scientific™ C20 V Cooling Tower Care is simple via the Scientific™ Ultra-S Dissolving Unit

The Scientific™ C20V Cooling Tower Care utilizes modern anti-scaling, anti-fouling and corrosion inhibition technology, aiding the operations of tower water systems.

Benefits of Scientific™ C solid chemistry

No splashing of liquid chemicals

No risk of product leaking or seeping into the ground

Compact packaging for easy transport and on site storage

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