Scientific™ C31 Scale & Corrosion Inhibitor
A reliable product for scale and corrosion inhibition

A scale and corrosion inhibitor for water treatment applications, including potable water. A multiple effect product with impressive stabilising, sequestering and dispersing properties.

Application

To be added to the water via an approved Lonza feeder system. Dosing rate should be between 2 – 5ppm P₂O₅ according to the size of the dispenser and consumption of water. Maximum use 12mg/l.

Typical Properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Transparent, solid spheres</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>[NaPO₃]ₙ[NaPO₃(OH)]₂</td>
</tr>
<tr>
<td>Density</td>
<td>1300kg/m³ (20°C)</td>
</tr>
<tr>
<td>Boiling Point/Range [°C]</td>
<td>800°C</td>
</tr>
<tr>
<td>Ignition Temperature [°C]</td>
<td>1010°C</td>
</tr>
<tr>
<td>Water Solubility [g/l] @ 20°C</td>
<td>Slightly soluble</td>
</tr>
</tbody>
</table>

Advantages

- An effective scale and corrosion inhibitor, aiding in the prevention of scale build-up
- Simple application via an approved Lonza feeder system
- Can be used for potable water applications
- A relatively small amount of product can treat a large amount of water – 5g of product per 1000L
- Conveniently packaged in 800g pouches
Storage

Keep product tightly sealed in original packaging. Store product in a cool, dry and well-ventilated area with storage temperatures between 5°C – 35°C. Store away from incompatible materials i.e. strong oxidising agents. To maintain product quality, do not store in heat or direct sunlight. Keep packaging clean and free of all contamination.

Safety & First Aid Measures

Please consult product SDS.

Packaging

The Scientific™ C31 Scale & Corrosion Inhibitor is supplied in:

- 800g pouches, 12 units per case

Product Code

Scientific™ C31 Scale & Corrosion Inhibitor: SCISILIPHOS

Scientific™ C31 Scale and Corrosion Inhibitor is simply dosed using an approved feeder system, each installation being site specific.

The Scientific™ C31 Scale Corrosion Inhibitor is an effective scale and corrosion inhibitor, aiding in the prevention of scale build-up, whose damaging effects can be seen in this photo.