PRODUCT DESCRIPTION
S-14 Bio Powder is a biobased anti-scaling inhibitor for cooling towers and other open-loop recirculating cooling systems. S-14 Bio is a water soluble powder. It is non-toxic, non-hazardous, and readily biodegradable.

In contrast to other commonly used antiscalant products such as phosphonates and poly acrylates, S-14 Bio Powder does not attack steel or aluminum. In addition, S-14 Bio Powder protects galvanized steel.

FEATURES
• Readily biodegradable
• Effective scale inhibitor
• Protecting galvanized steel
• Does not attack steel or aluminum
• Easy to formulate in a variety of open loop formulations
• Compatible with common water treatment programs
• Economical

TYPICAL PROPERTIES
Appearance   Light yellow powder
Solubility (water)   Readily soluble
PH   6-9 (5% in water)

APPLICATION AND DOSAGE
S-14 Bio Powder should be added to the make-up water at the rate of 5-10ppm.

PACKAGING AND STORAGE
S-14 Bio Powder is packaged in 5 lb (2.3 kg), 50 lb (22.7 kg) bags, and 100 lb (45.4 kg) drums. Product should be stored in a tightly closed container. Shelf life is 2 years.
All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation’s obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

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LIMITED WARRANTY

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

Scale Inhibition (% of Protection) per NACE Standard TM0374-2001, and ASTM D 1126

- % CaCO3 Inhibition
- % CaSO4 Inhibition

<table>
<thead>
<tr>
<th>Product</th>
<th>% Protection</th>
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<tbody>
<tr>
<td>polyacrylate</td>
<td>80</td>
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<tr>
<td>S-14Bio Powder</td>
<td>100</td>
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<tr>
<td>Polyphosphonate</td>
<td>120</td>
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TEST RESULTS

Distributed by:

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