General & Use:
Bromosol is a single component solution. It is a biocide based on the oxidizing source of Bromine. The product yields to improved results in alkaline cooling systems especially compared to Sodium Hypochlorite. Bromosol is free of Chlorine and has a wide range of application.

Bromosol inhibits the microbiological growth and eliminates existing micro-organisms, like bacteria, fungi, and algae. It is also active in the control of Legionella pneumophila bacteria, which causes Legionnaire’s disease (Legionellosis).

Compared to conventional treatment for alkaline cooling systems (Sodium Bromide with Chlorine gas resp. Bleach) there is no need for an expensive mixing station (including two dosing pumps) but just a single dosing pump. The monitoring can easily be done by Halogen sensors.

For health & safety matters please refer to MSDS

Typical Property:

<table>
<thead>
<tr>
<th>Property</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear Yellow-Orange Solution</td>
<td></td>
</tr>
<tr>
<td>Avail. Br as Br₂ %</td>
<td>16.1</td>
<td>17.9</td>
</tr>
<tr>
<td>Avail. Br as Cl₂ %</td>
<td>7.2</td>
<td>8.0</td>
</tr>
<tr>
<td>pH</td>
<td>12.5</td>
<td></td>
</tr>
</tbody>
</table>

Solubility:
Bromosol is miscible with water in all proportions.

Incompatibility:
Bromosol is a strong oxidizer and should not be stored near reducing agents or strong acids.

Flammability and Explosivity:
Bromosol is non-flammable.

Compatibility:
In normal use concentrations, Bromosol solutions are compatible with commonly used materials of construction of cooling systems. In its neat form, Bromosol is compatible with polypropylene, high density polyethylene, Teflon®, polyvinyl chloride and Viton®.

Packaging:
Bromosol is supplied in small plastic containers of 20 kg, 200 kg drums and IBCs.

Storage and Handling:
Store in a cool, dry, well-ventilated area, away from fire and oxidizable materials. Bromosol has a suggested storage limit of six months and evolves nitrogen gas during storage. Bromosol is corrosive to the skin, eyes and mucous membranes. Prolonged skin contact may cause burns. Wear rubber or plastic gloves and safety glasses with side shields. Use dry, clean clothing and equipment when handling Bromosol.
Visit our Website: www.icl-ip.com

For more information about our products and to place an order, please contact one of our regional sales offices.

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