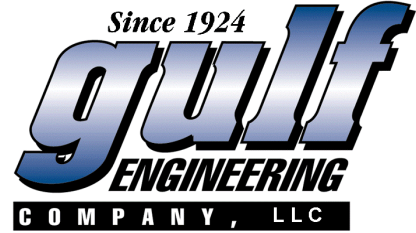


# Gessco™ 231 \*

## Product Data Sheet



<b>Product Type</b>	Boiler condensate treatment (Return line treatment)												
<b>Description</b>	Neutralizing and filming amine blend protecting condensate lines												
<b>Dosage</b>	Varies with carbonate and bicarbonate in feedwater. Typically 100-200 ppm in boiler water to achieve pH targets in condensate. Consult your Gessco™ representative or Service Technician for your situation.												
<b>Principal Users</b>	Boilers operating up to 1200 psi												
<b>Features</b>	<ol style="list-style-type: none"><li>1) Neutralizes acidic, corrosive products from CO<sub>2</sub> in condensate so that metal is not attacked.</li><li>2) Blend of three neutralizing amines protects medium to long steam line runs.</li><li>3) Filming amine places a protective barrier on metal surface of steam and condensate lines.</li><li>4) Provides corrosion protection throughout the steam system, condensate system and the boiler itself.</li><li>5) Contains a volatile oxygen scavenger to combat oxygen-induced corrosion (from dissolved air or leaks) throughout the steam line, condensate line and boiler.</li><li>6) Clean metal surfaces promote most efficient heat transfer.</li></ol>												
<b>Characteristics</b>	<table border="1"><tr><td>Physical form</td><td>Clear pale yellow liquid</td></tr><tr><td>Density at 25C</td><td>0.99 (8.2 lbs/gal)</td></tr><tr><td>pH of product</td><td>12.0</td></tr><tr><td>Boiling Point</td><td>208°F (98°C)</td></tr><tr><td>Flash Point</td><td>90°F (32°C)</td></tr><tr><td>Solubility</td><td>Completely water-dispersible</td></tr></table>	Physical form	Clear pale yellow liquid	Density at 25C	0.99 (8.2 lbs/gal)	pH of product	12.0	Boiling Point	208°F (98°C)	Flash Point	90°F (32°C)	Solubility	Completely water-dispersible
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Solubility	Completely water-dispersible												
<b>Precautions</b>	<b>Flammable liquid.</b> Avoid proximity to sparks or flames. <b>Corrosive liquid.</b> Avoid inhalation and contact with skin and eyes. Do not take internally. Keep from freezing. Keep out of reach of children. Goggles recommended when handling. Consult MSDS before handling.												
<b>Packaging</b>	The fourth digit of the product number designates the container size: Gessco™ 231-1 - 5 gallon polyethylene pail Gessco™ 231-2 - 30 gallon polyethylene drum Gessco™ 231-3 - 55 gallon polyethylene drum												

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