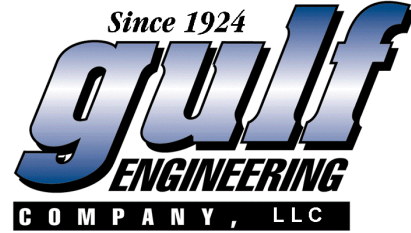


Gessco™ 231 *

Product Data Sheet



Product Type	Boiler condensate treatment (Return line treatment)												
Description	Neutralizing and filming amine blend protecting condensate lines												
Dosage	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.												
Principal Users	Boilers operating up to 1200 psi												
Features	<ol style="list-style-type: none">1) Neutralizes acidic, corrosive products from CO₂ in condensate so that metal is not attacked.2) Blend of three neutralizing amines protects medium to long steam line runs.3) Filming amine places a protective barrier on metal surface of steam and condensate lines.4) Provides corrosion protection throughout the steam system, condensate system and the boiler itself.5) Contains a volatile oxygen scavenger to combat oxygen-induced corrosion (from dissolved air or leaks) throughout the steam line, condensate line and boiler.6) Clean metal surfaces promote most efficient heat transfer.												
Characteristics	<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
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												
Precautions	Flammable liquid. Avoid proximity to sparks or flames. Corrosive liquid. 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.												
Packaging	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												

Gulf Engineering Co. LLC
611 Hill Street
P.O.Box 10067
Jefferson, LA 70181-0067

email: insidesales@gulfengineering.com

Toll Free : (800) 347-4749 FAX: (504) 734-0765