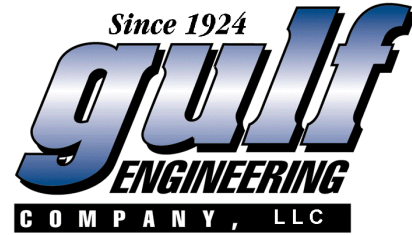


# Gessco™ 173-4

## Product Data Sheet



|                        |  |               |                         |                |                    |               |           |               |               |             |              |            |                              |
|------------------------|--|---------------|-------------------------|----------------|--------------------|---------------|-----------|---------------|---------------|-------------|--------------|------------|------------------------------|
| <b>Product Type</b>    | Boiler water hardness remover  |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| <b>Description</b>     | Inorganic phosphates and a non-ionic surfactant anti-foam agent  |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| <b>Dosage</b>          | Varies with feedwater characteristics. 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) Precipitates calcium and magnesium minerals so calcium and magnesium scales are prevented</li><li>2) Improves boiler water quality</li><li>3) Lowers the surface tension of the boiler water so that foaming does not begin</li><li>4) Good surface-spreading action attacks bubbles that do form</li><li>5) Resists carryover in high-TDS situations even when foaming is not a problem</li><li>6) Fights the foaming effects of degraded oils, fats, greases, metal oxides, silt and other impurities in boiler water</li><li>7) Sufficient lifetime under hot, alkaline conditions to be very effective</li><li>8) Approved by FDA for uses where steam contacts food.</li></ol> |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| <b>Characteristics</b> | <table border="1"><tr><td>Physical form</td><td>Clear, colorless liquid</td></tr><tr><td>Density at 25C</td><td>1.02 (8.5 lbs/gal)</td></tr><tr><td>pH of product</td><td>5.0 – 7.0</td></tr><tr><td>Boiling Point</td><td>212°F (100°C)</td></tr><tr><td>Flash Point</td><td>10°F (180°C)</td></tr><tr><td>Solubility</td><td>Completely water-dispersible</td></tr></table>  | Physical form | Clear, colorless liquid | Density at 25C | 1.02 (8.5 lbs/gal) | pH of product | 5.0 – 7.0 | Boiling Point | 212°F (100°C) | Flash Point | 10°F (180°C) | Solubility | Completely water-dispersible |
| Physical form          | Clear, colorless liquid  |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| Density at 25C         | 1.02 (8.5 lbs/gal)   |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| pH of product          | 5.0 – 7.0  |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| Boiling Point          | 212°F (100°C)  |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| Flash Point            | 10°F (180°C)   |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| Solubility             | Completely water-dispersible   |               |                         |                |                    |               |           |               |               |             |              |            |                              |
| <b>Precautions</b>     | Avoid inhalation of dust 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™ 173-4 - 100 lbs in a 10.5-gallon fiber drum  |               |                         |                |                    |               |           |               |               |             |              |            |                              |

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

email: [insidesales@gulfengineering.com](mailto:insidesales@gulfengineering.com)

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