

PRODUCT BULLETIN



GQ 123 & GQ 123W



OVERVIEW

GQ 123 and GQ 123W (low temperature formulation) are broad-spectrum, biocide mixtures featuring 12% (w/w) Glutaraldehyde (Glut) and 3% (w/w) Quaternary ammonium (Quat)* used to control microbial contamination.

APPLICATIONS

Microbial Control – Water-based industrial processes and oil and gas fluids encounter issues with microbial contamination and require biocide treatment. GQ 123 and GQ 123W are tailored for continuous addition in large volume treatments, with a wide range of industrial applications.

PHYSICAL PROPERTIES

| | GQ 123 | GQ 123W |
|-------------------------|--|---|
| Appearance | Clear, colorless to light amber liquid | Clear to hazy, colorless to light yellow liquid |
| Specific Gravity | 1.02 | 1.061 |
| Density | 8.54 lb/Gal | 8.855 lb/Gal |
| Freeze Point | -3 °C (27 °F) | -40 °C (-40 °F) |
| Flammability | Non-flammable | |
| Solubility | Water Soluble | |
| Ionic Charge | Cationic | |
| pH | 2-4 (5% Solution in 3:1 IPA:Water) | 4-5 (1% Solution) |

FEATURES AND BENEFITS

- Biocide mixture featuring two distinct chemistries.
- Broad spectrum, non-selective antimicrobial chemistry.

RECOMMENDED USE

- Metered addition for treating high water volumes.
- GQ 123 and GQ 123W are registered biocides, please refer to product label for approved directions for use.



PACKAGING

GQ 123 is available in pails, totes and bulk in the United States. GQ 123W is available in totes and bulk in the United States.

*Alkyl dimethyl benzyl ammonium chloride (C12-16) (ADBAC)