

AMC BIOCIDE G™

TREATING CHEMICALS



Description

AMC BIOCIDE G™ is a low toxicity, broad spectrum biocide designed to reduce and prevent bacterial and fungal activity in water based fluids. AMC BIOCIDE G™ is a more environmentally acceptable alternative to glutaraldehyde and does not cause skin sensitisation and dermatitis that can occur through the handling of glutaraldehyde making it safer to handle.

Application

Bacteria multiply and increase in number very rapidly. It is critical to treat the system and arrest the bacteria reproductive cycle. Once the cycle has begun, waste enzymes created by the bacteria and that cause polymer degradation are untreatable. AMC BIOCIDE G™ prevents and controls this reproductive cycle.

Dosage rates will vary according to mud systems, location, water quality and temperature. In locations where environmental conditions are conducive to fast bacterial reproduction rates such as areas of high humidity and temperature, frequency of dosage may need to be increased.

AMC BIOCIDE G™ can be added directly to mud system either in agitated pits or directly to the flowline. Add directly to pre-mixes prior to adding to main mud systems and add regularly to pre-mix pits if they remain static with excess mud for extended periods of time.

Typical Physical Properties

Appearance:	Colourless to pale yellow liquid
Odour:	Amine odour
Specific gravity:	1.1 – 1.2
Solubility:	Soluble in water
pH (1% solution):	3 – 8

Advantages

- Effective at low concentrations
- Effective over a wide pH range
- Easily applied
- Helps prevent polymers such as AMC PAC™ from degrading due to bacterial activity
- Helps prevent corrosion caused by bacterial activity
- Compatible with most water based additives.

Recommended Treatment

AMC BIOCIDE G™ is recommended to be used at concentrations ranging from 0.4 – 4L /m³ (0.1 – 1.5lb / bbl).

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

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