

MYACIDE GA25

CONTROL AEROBIC AND ANAEROBIC BACTERIA

This product is a registered biocide under Agriculture Canada's "Pest Control Products Act" (Registration #28339). **Myacide GA25** is a glutaraldehyde-based biocide in a clear liquid form.

Myacide GA25 is effective in controlling both aerobic and anaerobic (sulfate reducing) bacteria. It is compatible with all water-based fracturing and drilling fluids and can be neutralized prior to disposal (see Microtox Analysis).

The recommended treatment is dependent on the severity of the bacterial contamination. As a pre-treatment, add 0.1-0.5 L/m³ to the fluid system and monitor with microbial dip slides. For already contaminated fluids, add 0.5-2.0 L/m³ treatments until bacterial control is achieved.

PHYSICAL PROPERTIES:

Appearance: Colorless to yellow liquid
Specific Gravity: 1.06 @ 20°C
Freeze Point: -5°C

CHEMICAL PROPERTIES:

Type: Bactericide
Solubility: Soluble (100% in water)
pH: 3.6

MIXING & HANDLING

Myacide GA25 is corrosive and will cause irreversible eye damage. Wear suitable protection for eyes and skin and ensure there is adequate ventilation in the mixing area.

WHMIS: Controlled (see SDS)

TDG: Regulated

Packaging: 19L pail

MICROTOX ANALYSIS

A series of microtox tests have determined the following procedure will deactivate **Myacide GA25** and should provide a non-toxic response in the fluid.

1. Increase the pH of the fluid to 12.0 and hold for four hours.
2. Neutralize fluid back to pH 7.0 with an appropriate acid.

