

# MYACIDE GA25

## FOAMING CONTROL AGENT

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/m<sup>3</sup> to the fluid system and monitor with microbial dip slides. For already contaminated fluids, add 0.5-2.0 L/m<sup>3</sup> 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:** 20L pail, 1000L tote

## 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.

