

## DEFOAM

### ANTIFOAM AGENT

**DEFOAM** is a high molecular weight, anionic surfactant. It is an alkanol and surfactant blend in a petroleum distillate.

#### FEATURES AND BENEFITS:

- Designed for use with water-based drilling or completion fluids.
- Effective at treating minor to excessive foaming conditions.
- Can be used in conjunction with re-cycling stiff foam fluid. It will effectively break the stiff foam but its characteristics will allow for the re-foaming of the system several times depending on the accumulated amount in the system.
- Effective at high temperatures, at all pH ranges and is not affected by salinity ranges.

#### RECOMMENDED TREATMENT:

*For de-foaming operations*, treatment ranges from 0.25-2.0 L/m<sup>3</sup>. If foaming of the fluid being utilized is common, pre-treatment of the system will usually aid in preventing a severe foaming condition and potentially reduce the overall additions.

*For stiff foam operations*, a common ratio for use is 2:1 vs. foaming agent. In a relevant perspective, treatment ranges will vary significantly depending on variables such injection rates, polymer slurry rheology and make-up, foaming agent injection rates and concentrations.

#### PHYSICAL PROPERTIES:

Appearance:	Clear green liquid
Specific Gravity:	0.890
Solubility:	Insoluble
pH:	7-8 (1% solution)

#### MIXING/HANDLING:

Should be added directly into the circulating system close to foam occurrence, if possible. Additions can be made from top of the tank, or spray method using a portable hand-held sprayer and or through the mixing hopper. Refer to the SDS for specific precautions and handling requirements.

**MICROTOX® THRESHOLD: < 0.5 L/m<sup>3</sup>**

**PACKAGING: 20L pails / 32 pails/pallet**