

BACTERIAL CONTROL

Biocide ICB

OVERVIEW

Biocide ICB (THPS, glutaraldehyde) is effective in controlling sulfate-reducing bacteria and general aerobic bacteria, including microorganisms that contribute to biofilm formation in oil-field recovery, processing, and distribution applications and supporting systems. Its advantage is that it will soon degrade to a non-toxic substance immediately after use.

POTENTIAL APPLICATION

THPS is used in oil field and petrochemical operations in fluids for drilling and stimulation of oil and gas wells, injection water, water holding tanks, disposal-well water, recirculating-water handling systems, and pipelines.

Property	Value
Appearance	colorless-to-yellow liquid
Density at 20°C, gr/cm ³	0.95 – 1.45
Mass of active component, %	Not less than 20%
Freeze point, °C	Neg 20 above
Solubility	Soluble in water



FEATURES AND BENEFITS

- Broad spectrum biocide against a range of bacteria, especially sulfate reducing bacteria (SRB), and algae
- Miscible in all proportions with every type of water, including seawater
- Outstanding chemical stability and good compatibility with treatment chemicals;

STORAGE AND PACKAGING

When stored in the original unopened containers, Biocide ICB has a usable life of 18 months from the date of production. Biocide ICB is available in 200-ltr drums and 1000-ltr cubes.

LIMITS

In order to create a high-quality biocorrosion protection, a dedicated product selection is required for any specific deposit condition. Optimal dosage of the most effective biocide is determined through a series of laboratory tests.