

Carbosan EF

CARBOSAN EF is a broad-spectrum biocide in liquid form used to control aerobic and anaerobic bacteria in drilling and low salinity clear brine fluids

Typical Physical Properties

Appearance : colourless, pale liquid
 Solubility : soluble in water, brines and lower alcohols
 Odour : mild, typically amine
 Specific gravity : 1.09-1.11
 pH 1% : 10.0-11.0
 Flash point : > 100°C
 Pour point : < -10°C

Application

CARBOSAN EF is used as an anti-fermentative and bactericide in polymer, clear water or solids-laden fluids. The usage of CARBOSAN EF will prevent polymer degradation and corrosion caused by bacteria growth.

CARBOSAN EF is a non-phenolic and non-sulphur containing bactericide.

CARBOSAN EF can be used in oil field subsurface injection water such as water disposal systems and water floods.

CARBOSAN EF is very effective and has a very low toxicity compared to other biocides on the market. CARBOSAN EF is an ideal substitute for glutaraldehyde .

CARBOSAN EF is not flammable and it is completely soluble in water.

Dosage should be based on pilot tests made prior to addition of CARBOSAN EF. The effectiveness of the treatment should be evaluated by bacteriological tests.

Recommended treatment levels are initially 0.10 - 0.61 kg/m³ (0.5 to 3.0 gal/100 bbl or 0.012 to 0.72% v/v). Maintenance treatments of CARBOSAN EF are suggested at 0.11 kg/m³ on a weekly basis (0.5 gal/100 bl or 0.012 % v/v).

Packaging and Storage

55 US gal non returnable iron drums, palletized, strapped and shrink wrapped (4 drums per pallet). Also available in 5 gal and 25 litres cans.

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