



PRODUCT FEATURES

- EPA Registered Biocide
- Fresh Water & Heavy Brine Soluble
- Controls Anaerobic & Aerobic Bacteria
- Low Human And Eco-Toxicity
- Biodegradable

DESCRIPTION

Bachcide 320 is an EPA registered biocide containing a 20% active aqueous solution of tetrakis(hydroxymethyl) phosphonium sulfate. **Bachcide 320** has proven effective in the control of both aerobic and anaerobic microorganisms in a broad range of industrial and oil field applications. The product is soluble in both fresh water and heavy sodium chloride brines and provides superior bacterial control with a minimum risk to field personnel and the environment. At concentrations less than 3 ppm **Bachcide 320** degrades into a non-toxic, environmentally friendly compound.

RECOMMENDED APPLICATION

Bachcide 320 is recommended for either continuous injection with a chemical pump or in slug type treatments where a bacterial problem is evident. The product may be continuously injected at a typical application rate of 15 to 30 ppm based on total water volumes.

Bachcide 320 may be batch treated into a system to facilitate system clean ups and

TYPICAL PHYSICAL PROPERTIES

Form, 70°F	Clear Liquid
Density, lbs/gallon	8.80
Pour Point, °F	-20
pH, (10% Solution)	3.0 – 4.0
Solubility	
Fresh Water	Soluble
High TDS Brine	Soluble
Hydrocarbon	Dispersible
Ionic Charge	Cationic

removal of bacterial growth environments. Batch treating concentrations typically range from 50 to 200 ppm. Bacterial concentrations present, type of bacteria and system characteristics will dictate specific treating concentrations. Time kill studies are suggested to optimize specific treatments.

STORAGE AND HANDLING

Bachcide 320 is available in 55 gallon drums, tote tanks and bulk tank wagons. As with any industrial chemical, keep out of reach of children and avoid prolonged contact with skin and eyes. In case of skin or eye contact, flush the exposed area with copious amounts of water. A material safety data sheet outlining proper handling of this product is available upon request, or will be forwarded upon the purchase of **Bachcide 320**.

SHIPPING INFORMATION

All Containers:

Not D.O.T. Regulated

PDS-1202

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