

TECHNICAL DATA SHEET BIOSOL

BIOSOL is a broad-spectrum, high efficiency, low-toxic antiseptic and mildew biocide. It can inhibit the reproduction of microorganisms and slow down the putrefaction due to bacteria. It does not contain metal components and does not corrode metals. It is suitable for neutral, weakly alkaline and alkaline working environments.

Typical Characteristics

Parameter	Specification
Appearance	Clear liquid
Specific gravity @ 20°C (g/cm ³)	1.00 – 1.15
Water solubility	Soluble
pH @ 1% aqueous solution	9 – 12

Application

- Used in oilfield water treatment: As antiseptic for sterilization of drilling fluids, completion fluids, fracturing fluids and process water
- Used in industrial water treatment: As algicide in circulating-water sterilization, sewage deodorization and industrial desulfurization
- Can be added dropwise continuously or via impact dosing, depending on the process requirements

Packaging and Storage

BIOSOL is packaged in 220 kg drum or 1100 kg drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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