

## TECHNICAL DATA SHEET SOLCIDE 101

SOLCIDE 101 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 <sup>3</sup> ) | 1.00 – 1.15   |
| Water solubility                             | Soluble       |
| pH @ 1% aqueous solution                     | 9 – 12        |

### Application

SOLCIDE 101 is mainly used in oilfield and industrial water treatment. In oilfield applications, it can be used for antiseptic and sterilization of drilling fluids, completion fluids, fracturing fluids, oilfield water treatment etc. Depending on the process, there is a choice to add it dropwise continuously or impact dosing. In industrial water treatment applications, it can be used as an algicide in circulating-water sterilization, sewage deodorization and industrial desulfurization.

### Packaging and Storage

SOLCIDE 101 is packaged in 200L drum and 1000L IBC (Tote tank).

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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