



Technical Data Sheet

SCALIN 0123S10

Application:

Scale Inhibitor may be applied by continuously injecting between 8 to 30 ppm of the product down the annular space of a producing well via side stream bleeder arrangement, based on the total daily volumes of water produced. Other applications may include continuous injection into a header system upstream of a free- water knock-out or a heater treater, or upstream of a high-pressure pump in saltwater disposal or injection system. Treatment rates should be optimized by closely monitoring scale deposition at control locations.

FARSA Group technical service team can help in formulation troubleshooting and product recommendation for specific oilfield condition.

Batch treatments (at various concentrations) with SCALIN 0123S10 are successful in producing wells with sufficient annular fluid to act as a chemical reservoir which will provide a slow, continuous feed of inhibitor into the produced fluids. Normally, one or two batch treatments per month are recommended for effective scale control.

Product Benefits:

- ✓ Superior Calcium carbonate and calcium sulfate inhibitor – works at low concentration
- ✓ Excellent silica and silicate scale inhibitor
- ✓ Demonstrates excellent calcium and other multivalent ion tolerant behavior
- ✓ Effective in crystal modification and offers strong dispersant properties
- ✓ Good stability with freeze-protecting solvents, such as ethylene glycol
- ✓ Minimizes production downtime due to scale related events by accurately monitoring residual inhibitor concentrations, which will lead to treatment cost optimization
- ✓ Possibility to monitor system for trending
- ✓ Controls all types of mineral scales
- ✓ Can be used in low temperature systems
- ✓ Winterized to -5°C (could be increased on request)
- ✓ Completely soluble in brines at usage concentrations
- ✓ Temperature stable up to 85°C



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Physical properties:

Property	Value
Physical appearance	Clear, pale-yellow liquid
Specific Gravity, 20 °C	1.05-1.1
pH neat	1-3
Solubility	Completely soluble in water
Pour point	(-5 °C)
Flash point	92 °C

Material compatibility:

For material compatibility, please refer to the FARSA Group materials suitability guidelines or contact your local representative to obtain this information

Handling and Storage:

Read the label and Safety Data Sheet (SDS) for complete handling information before using or storing this product.

Feeding and Dosage:

The dosage is controlled proportionally to the feed water flow. Standard metering pumps are used. Fitting materials are PE, PP or coated steel. In order to avoid biological fouling, the containers have to be cleaned from time to time with a 10 % sodium bi-sulphate solution.

SCALIN 0123S10 should be fed on a continuous basis at point in the system that will allow good mixing of the chemical into the produced water. Dosage rates will vary depending on system conditions and the severity of the problem.

The required dosage level depends on the operating conditions and water composition and varies in the range of 8 – 30 ppm as delivered.

SCALIN 0123S10 cannot be used above 85°C.

Principial uses:

SCALIN 0123S10 is designed to prevent barium sulfate, calcium carbonate, calcium & strontium sulphate scales at low chemical dosages.

SCALIN 0123S10 may be used in producing wells, surface water handling systems, and disposal / injection wells.

Shipping:

This material can be shipped in a variety of containers including drums, returnable totes and/or in bulk.

Contact your FARSA Group representative for shipping options and net container weights.