

PRODUCT DATA SHEET

SO-CHEM PS - 1000 PARAFFIN SOLVENT

GENERAL DESCRIPTION

SO-CHEM PS-1000 Paraffin Solvent is an oil soluble paraffin solvent used to remove paraffin both in downhole and surface equipment. It is a blend of various surfactants and penetrants combined in selective hydrocarbon solvents.

SO-CHEM PS-1000 Paraffin Solvent is most effective in removing paraffin accumulations. Due to its surface - active properties, this chemical is capable of penetrating paraffin wax that is deposited on the internals of tubing and surface lines and dispersing it back into the oil phase.

RECOMMENDED USES

SO-CHEM PS-1000 Paraffin Solvent is recommended for use in the following applications:

1. Down-hole removal paraffin deposition.
2. Flowline paraffin deposition removal.
3. Treatment of tank bottoms.
4. It is also effective in removal of emulsion blocks in well perforations.

APPLICATION

SO-CHEM PS-1000 can be used continuously or batch treated depending on the severity or location of the problem. However, continuous injection is the preferred method for keeping the system free from deposits.

SOUTHERN CHEMICALS LIMITED

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A continuous treatment program would consist of adding 500 - 1000 ppm **SO-CHEM PS-1000 Paraffin Solvent** injected into the system until it is clean and then reducing this concentration to maintain the system free from deposits. The recommended reduction in chemical usage is typically between 100 - 500 ppm.

A typical batch treatment for paraffin removal would consist of 10 - 30 gallons down the annulus. The chemical may be mixed with hydrocarbon, well fluids and can be pumped down with a slug of fluid or by circulating the well between 3 - 4 hours.

Experience will dictate the quantity of chemical, frequency of chemical treatment and method of treatment to be used. It is recommended that for maximum effectiveness, treatments be programmed on a regular periodic basis. Technical support from So-Chem is available to advise on a suitable treating program.

TYPICAL PHYSICAL PROPERTIES:

Specific Gravity	- 0.842 @25°C
Pour Point F	- <30
Flash Point	- 120° F
Viscosity@60 F	- 0.97centipoise
PH	- 8.68
Solubility	- Oil soluble
Appearance	- Clear colorless liquid

HANDLING:

The handling of **SO-CHEM PS-1000** should present no problems. Normal safety precautions for handling industrial chemicals should be observed.

AVAILABILITY:

SO-CHEM PS-1000 Paraffin Solvent is available ex-stock from Southern Chemicals Limited, # 2 Tarran Industrial Estate, La Romain, San Fernando.

REVIEW:

This Product Data Sheet shall be reviewed as necessary.

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