

SAFE-SOLV OM

SAFE-SOLV* OM is a combination of powerful, non-aromatic hydrocarbon and natural terpene solvents and surfactants with exceptional oil and grease solvent properties.

It is fast acting and requires less contact time than “solvent only” pickling agents. SAFE-SOLV OM is especially effective in removing pipe dope and oil- or synthetic-base mud residue from casing and pipe prior to gravel packing and other operations that may carry greasy residue into the producing formation. It contains no aromatic compounds, including benzene, ethylbenzene, toluene, or xylene (BETX). It does not contain alkyl-phenols such as nonyl-phenol or other such surfactants.

Typical Physical Properties

Physical appearance	Clear, light yellow liquid
Odor	Pleasant, citric
Specific gravity	0.82 (68°F) (20°C)
Solubility (water)	Very slight
Flash point	124°F (51°C) (PMCC)

Applications

SAFE-SOLV OM solvent can be used without dilution or as a dispersion in fresh or sea water. A dispersed solution should be continuously mixed while pumping. Sufficient volume should be used to give a minimum of 5 min contact time. Pump rates should be designed to give turbulent flow.

To ensure water-wet pipe, the SAFE-SOLV OM spacer should be followed by SAFE-SURF* W, SAFE-SURF O, or other water-wetting surfactant package formulated to remove oily films.

Advantages

- Excellent solvent spacer for pipe dope removal or oil mud displacements
- Pleasant odor
- Immiscible with brine to give distinct interface
- Does not contain BETX components
- Spent product can usually be processed with produced crude
- Can be used without mixing or dilution
- Can be handled with the same ease as diesel fuel

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described on the Material Safety Data Sheet (MSDS).

Packaging and Storage

SAFE-SOLV OM product is packaged in 55-gal (210-L) drums.



P.O. Box 42842
Houston, Texas 77242-2842
www.miswaco.slb.com
E-mail: questions@miswaco.slb.com

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