

## MUTUAL SOLVENT

### *Physical Properties*

Freezing Point:	Below 0°F		
Specific Gravity:	0.90 to 0.93		
Density:	~7.5 lb/gal	Appearance/Odor:	Clear
/Aromatic Solubility	Oil/Water		

### *Description*

MUTUAL SOLVENT is used in acidizing and other well interventions for dispersion, penetration, and removal of paraffin/asphaltene deposits, and heavy hydrocarbon based sludge. This additive also delivers versatility as a co-solvent, which makes it miscible in both H<sub>2</sub>O and oil, with excellent water wetting capabilities and emulsion breakers. MUTUAL SOLVENT enhances aromatic solvents, diesel, condensates, and crude oils by increasing their abilities to penetrate and solubilize heavy hydrocarbons during the removal process without the fear of re-deposition, or by having upset production facilities. MUTUAL SOLVENT can be combined with one or more aromatic solvents to give more of the look of a custom blend that can be adjusted to address the tighter more complex carbon chains.

### *Advantages*

- Extremely stable
- Can be combined with Acids and other aqueous fluids
- Can be combined with one or more aromatic solvents to address complex carbon chains
- Easy to handle and mixes well in low shear rate environments
- Leaves formation water-wet

### *Handling/ Storage*

Do not breathe vapors/ dust. Avoid exposure, obtain special instructions before use. Avoid contact with skin and eyes. Provide sufficient air exchange and/ or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Product very Slippery when wet.

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Store away from Acids, Oxidizers. See SDS for more information.