

## INTRODUCTION

MAYCO STIM-2000 is a nonionic non-emulsifier which is soluble in hydrocarbon base fluids and very dispersible in aqueous base fluids. The primary use for MAYCO STIM-2000 is as a non-emulsifier in fracturing and acidizing fluids. MAYCO STIM-2000 is effective at a dosage of .05% to .2% in fracturing fluids and .1% to .5% in acidizing fluids. MAYCO STIM-2000 is extremely cost effective due to its low cost per gallon and its effectiveness in functioning at a low concentration.

## TECHNICAL FEATURES

1. MAYCO STIM-2000 is effective in preventing emulsions when used in acidic fluids at a dosage of 0.1% to 0.5% by volume.
2. MAYCO STIM-2000 is effective in preventing emulsions when used in aqueous fracturing fluids at a dosage of 0.05% to 0.2% by volume.
3. MAYCO STIM-2000 can be used as a non-emulsifier in hydrocarbon based fluids at a dosage of 1% by volume.
4. MAYCO STIM-2000 can be used to break emulsions at a dosage of 1% by volume. The carrier should be based on the emulsion external phase, eg diesel or xylene for oil external emulsions and aqueous carrier fluids for water external emulsions.
5. MAYCO STIM-2000 water wets both sandstone and limestone formations which improves acid reaction with formation solids and improves relative permeability to hydrocarbons.

## SUGGESTED APPLICATIONS

MAYCO STIM-2000 can be used as a non-emulsifier in all aqueous fluids including acidic systems with proper pretesting. MAYCO STIM-2000 can also be used as a non-emulsifier in all hydrocarbon based fluids.

MAYCO STIM-2000 can be used to break emulsions in formations, fractures and the entire well system.

MAYCO STIM-2000 is nonionic and is compatible with other additives commonly used in well treatments.

## PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear liquid
Odor	Slight Alcohol
Boiling Point (760 mm Hg)	190°F (88°C)
Freezing Point	N.D.
Vapor Pressure	N.D.
Specific Gravity	0.9451
Solubility in Water	Very Dispersible
Solubility in Hydrocarbon	Very Dispersible
Evaporation Rate	>100

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