

**Mayco Stim-440™**

**Mayco Stim-440** is an anionic solid non-emulsifier and fluid recovery additive for acid and fracturing fluids. The solid can be shipped overnight by FedEx, UPS, or US mail. There are no flash or freeze point problems, and shipping costs are reduced by eliminating water. A further cost savings is realized by eliminating drum costs and drum disposal costs.

**APPLICATION**

- Effective in preventing emulsions with fracturing gels at a dosage range of 1/3 to 1/2 pounds per thousand gallons.
- Effective in preventing emulsions with acidic fluids at a dosage range of 1/2 to 1 pound per thousand gallons.
- Readily soluble in aqueous carrier fluids and can be metered either as a dry powder or a liquid concentrate.
- May be used in brines as a mud dispersing and thinning additive.

**PERFORMANCE**

**Mayco Stim-440** can be used as a non-emulsifier in all aqueous fluids including foamed, gelled and cross-linked systems with proper pretesting. It can be used to prevent emulsions and asphaltenes in matrix acidizing fluids.

**TECHNICAL FEATURES, ADVANTAGES**

- Passes oil and grease test for offshore Gulf of Mexico requirements.
- Effective in breaking up fracturing fluid gel residue.
- Does not adversely affect fracturing fluid gel cross-linkers and buffers.
- Has the added advantage of preventing asphaltene precipitation when used as a non-emulsifier in conjunction with iron reducing agents in acidic fluids.
- Effectively water wets sandstone formations and is not adsorbed on the formation.

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** Light Tan Solid

**Vapor Pressure** N.A.

**Odor** Slight to None

**Specific Gravity** >0.7

**Boiling Point (760 mm Hg)** N.A.

**Solubility in Water** >100 MM Hg @ 25°C (77°F)

**Freezing Point** N.A.

**SAFETY AND HANDLING**

Avoid skin and eye contact, inhalation or ingestion. If exposed, wash skin with soap and water, flush eyes with water and seek medical assistance. If ingested, seek medical assistance. Remove contaminated clothing and wash before reusing. Have adequate ventilation or use proper respirator. Wear protective face shield. Dispose of according to applicable regulations. Consult MSDS prior to use.

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