

**Mayco Stim-480™**

**Mayco Stim-480** is a nonionic corrosion inhibitor for acidic fluids.

**APPLICATION**

**Mayco Stim-480** can be used as a corrosion inhibitor in acidic fluids containing hydrochloric acid. It can be used as part of a package designed to prevent emulsions and asphaltenes in acidizing fluids. It is especially effective with heavy crude oils, such as California, Canada and Venezuela, in helping to control emulsion and asphaltene problems. Typical dosage is 3 to 30 gallons per thousand for acid applications.

**PRELIMINARY DOSAGE RECOMMENDATIONS**

ACID BLEND	<b>Mayco Stim-480</b>	OTHER ADDITIVES	TEMP.	TIME
7.5% HCl	2%	1% <b>Mayco Stim-375</b> , 0.2 % SnC1	250°F	3 hours
10% formic	3% see above	30 pptg erythorbic, 4 pptg CuC1	275°F	6 hours
	3% see above		275°F	12 hours
15% HCl	1%	1% <b>Mayco Stim-375</b>	200°F	6 hours

**TECHNICAL FEATURES AND ADVANTAGES**

- Is soluble in hydrochloric acid and mixtures containing hydrochloric acid.
- Is effective to temperature exceeding 320°F.
- Compatible with anionic, cationic, amphoteric and nonionic surfactants.
- Environmentally friendly.
- Water wets both sandstone and carbonate formations.
- Compatible with corrosion inhibitor intensifiers.
- Does not adsorb appreciably on sandstone formations.
- Significantly reduces the emulsion and sludging tendencies of crude oils when used in acid formations containing **Mayco Stim-480**, **Mayco Stim-375**, or **Mayco Stim-390**.

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** Light Amber Liquid

**Odor** Slight

**Boiling Point (760 mm Hg)** 205°F

**Flash Point** 134°F

**Freezing Point** N.D.

**Vapor Pressure** N.D.

**Specific Gravity** 1.025

**Solubility in Water** Soluble

**Evaporation Rate** 40

**PACKAGING**

(NEED)

**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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