

DESCRIPTION

SS-200 is a unique blend of surface active agents specifically designed to impart low surface tension and to treat and/or prevent acid-oil emulsions which commonly occur during well stimulation operations. **SS-200** will prevent downhole emulsions when it is mixed with the acid prior to its placement downhole. Addition of **SS-200** at the wellhead after acidizing has been completed, when the spent acid and formation fluids are produced, will prevent the upset emulsions formed by contact of these produced fluids and the normal production. The use of **SS-200** in both of these applications during acidizing is recommended to prevent acid emulsion problems.

APPLICATION

SS-200 has performed effectively in a wide variety of crude oils from all major oil producing areas.

Generally, **SS-200** is added at a ratio of 1-10 gallons/1,000 gallons of acid depending on the crude oil and/or formation fines to be treated (0.1 - 1.0%). **SS-200** requires only moderate agitation to disperse and mix well with dilute or concentrated acid. For injection at the wellhead, a ratio of 1 - 4 gallons of **SS-200** per 100 bbls of return fluids will help prevent the "upset" emulsion from forming. Under these treating conditions, **SS-200** should be injected at the wellhead until all treating fluid returns are removed from the well.

As with all surfactants, tests should be run with the crude oil and stimulation system to determine optimum dosage rates.

PHYSICAL PROPERTIES

Appearance	Pale yellow liquid
S G at 16°C	0.96
Pour Point	-15°C max
Flash Point	31°C
Ionic Character	Cationic

SS-200 contains no heavy metals, organic halides, or other compounds known to inhibit refinery catalysts or be harmful to process equipment.

PACKAGING

Supplied in 200L UN standard steel drums

ADDITIONAL INFORMATION

None