

### DESCRIPTION

**SS-27** is a low-pour-point, non-ionic surfactant for use in water or acid to lower surface tension.

### APPLICATION

The usual concentration of **SS-27** is 2 gallons per 1000. The addition of a low-surface-tension or wetting agent to an acid system imparts two properties: better penetration of smaller pores and easier return of spent acid. Emulsion tests should also be run to determine if additional non-emulsifier is required in the acid system.

Acids with additives such as **SS-27** can be of benefit in treating low permeability zones (limestone or sandstone) and in cases where excessive filtrate or cement has invaded the formation close to the well bore.

Being non-ionic, **SS-27** is compatible with other acidising additives.

### MIXING PROCEDURE

1. Load required water and corrosion inhibitor.
2. Add 2 gallons **SS-27** per 1000 gallons acid.
3. Add required amounts of other agents
4. Agitate vigorously (at least 5 minutes in each end of tank with air, or at least 5 minutes with paddles).
5. Add required amount concentrated acid.
6. Agitate vigorously again (at least 5 minutes in each end of tank with air, or at least 5 minutes with paddles).
7. Check acid strength with hydrometer.

### PHYSICAL PROPERTIES

Physical Appearance	Clear liquid
Boiling Point/Boiling Range (°C)	>200 at 1013hPa
Vapour Pressure	<0.01hPa @20°C
Specific Gravity	1.04-1.07g/cc @20°C
Solubility	Soluble in water

### PACKAGING

Supplied in 200L UN standard steel drums

### ADDITIONAL INFORMATION

None