



## FloSurf™ 5 – Acidizing Additive

### Use:

FloSurf™ 5 is a proprietary, economical acidizing additive used in hydrochloric acid (HCl) to provide 5 functions viz. corrosion inhibition, iron control, anti-sludge, surfactant, and non-emulsifying properties to the acid in one convenient additive thereby reducing the multiple product inventories.

FloSurf™ 5 is compatible with most acid additives such as polyacrylamide gelling agents, friction reducers, clay control agents, etc.

### Physical & Chemical Properties:

Parameter	Specification
Appearance	Clear, yellow liquid
Odor	Vinegar odor
Specific gravity	1.02-1.06
Charge	AnIonic
Pour Point	25 deg F
Flash Point	> 180 deg F

### Compatibility:

Compatible with most known acidizing systems. However, a compatibility test is recommended prior to use.

### Environment:

Not hazardous to the environment.

### Typical Dosage:

FloSurf™ 5 is recommended at loading of 6 to 12 gallons per thousand gallons in all applications where hydrochloric acid is used, including acid fracturing, matrix acidizing, spearhead acids, breakdown acids, spot acids, acids used in injection wells, for scale removal from perforations and downhole tubular.

### Temperature Limitations:

FloSurf™ 5 can be used “as is” in 15% or 20% HCl acid treatment to a bottom-hole temperatures of about 130°F. For applications greater than 130°F, for 28% HCl or for use through coiled tubing, additional corrosion inhibitors like Finoric’s I-123 are recommended. Where there is a potential to produce iron-induced sludge, the addition of iron-reducing agent like Finoric’s BME Iron-Reducer is recommended.

### Packaging:

330 ga one way totes and bulk tank trucks

### Availability:

Pleasanton, TX, Beasley, TX and Midland, TX

### DoT Classification:

Regulated