

## ACI-130

## ACID INHIBITOR

### Description

ACI-130 is an excellent mineral acid corrosion inhibitor for use at moderate to high temperatures. ACI-130 coats the metal with a thin film barrier to protect against the destruction by direct contact with the acid. The excellent dispersability of ACI-130 insures that the inhibitor comes into contact with the metal instead of floating out on top of the acid.

### Properties

Form: Liquid	Chemical Family: Proprietary
Color: Amber	Solubility: Acid dispersible
Odor: Alcoholic	Wt. per Gal.: 7.4 lb
Charge: Cationic in Acid	Flash Point: 55 <sup>0</sup> F (13°C)

### Application

ACI-130 can be used in acid strengths up to 28% hydrochloric acid. It is effective to 200<sup>0</sup> F without the use of an intensifier and to 350<sup>0</sup> F when used with an intensifier such as BUFFER A. The table below gives **approximate** use rate guidelines. More precise dosage is determined by: (1) the acid type and strength, (2) temperature, (3) type of steel, (4) amount of other additives, and (5) contact time. The best performance is obtained by testing at the particular job conditions expected.

Acid Strength	Temp. (°F)	ACI-130 gpt
15%	150	1.0-3.0
	175	2.0-4.0
	200	4.0-10.0
	225	8.0-10.0
	250	8.0-10.0
	300	10.0 + Intensifier
28%	350	20.0 + Intensifier
	150	2.0-9.0
	175	6.0-20.0
	200	8.0-20.0 + Intensifier
	225	10.0-15.0 + Intensifier
	250	15.0-20.0 + Intensifier

### Compatibility

ACI-130 is cationic and as such is compatible with other cationic or nonionic materials. Caution must be exercised with anionic additives. Do not blend with any other chemical additives before use.

### Handling/Storage

ACI-130 is a flammable liquid. Keep away from heat, sparks and open flame. This product is toxic. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear rubber gloves, apron, and chemical splash goggles. If conditions warrant wear an organic vapor cartridge respirator. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

### Packaging

ACI-130 is available in 55 gallon drums or 330 gallon tote tanks.