RIG OIL sales & services

INFORMATION

MESSINA CHEMICALS

OILAID-FA-2

FOAMING AGENT FOR ACID, WATER OR BRINES

DESCRIPTION

OILAID-FA-2 is a foaming agent formulated for fracturing applications using water, acid, brines or methanol/water as the base fluid. OILAID-FA-2 is designed to provide a stable foam with excellent proppant transport properties and low fluid loss. It also reduces surface tension of the fluid for optimum fluid recovery.

APPLICATION

OILAID-FA-2 may be used to foam the following specific types of fluids:

- 1-30% HCl
- 1-20% acetic acid
- 1-10% formic acid
- light brines such as 2% KCl
- fresh water
- methanol/water or methanol/2% KCl (up to 50% methanol)
- sodium chloride or calcium chloride brines

OILAID-FA-2 is a superior foaming agent especially useful for creating stable foams at temperatures up to 350°F or in acids where other foaming agents degrade. OILAID-FA-2 is stable in the presence of clay solids and crude oil or condensate influx and is compatible with all normally occurring oilfield waters.

RECOMMENDED TREATMENT

The required concentration of OILAID-FA-2 is determined primarily by the base fluid composition and the bottomhole temperature.

	Required FA Conc., gal per 1000 gal		
Temperature, °F	Water, Acid or Light Brines	NaCl or $CaCl_2$ Brines	Methanol/Water or Methanol/2% KCl
70-100	2	1	4
100-150	6	4	10
150-200	8	6	15
200-250	10	8	20
250+	12	10	25

RIG OIL
sales & services

INFORMATION

OILAID-FA-2 is amphoteric, thus it is compatible with corrosion inhibitors, surfactants and iron sequestering agents. OILAIDFA-2 may be incompatible with some polymer-type acid gelling agents.

HANDLING
Avoid contact with skin and eyes. Goggles and gloves are required in handling. Use only with adequate ventilation. Do not take internally.
In case of contact, flush with water for a minimum of 15 minutes and consult a physician. Wash skin with soap and water.

PACKAGING
OILAID-FA-2 is available in 55-gallon steel drums of approximately 448 lbs net.