

AS-751C

ANTI-SLUDGE

Description

AS-751C is a cationic surfactant blend formulated specifically to help prevent the formation of acid sludge and emulsions in acid systems. It is an excellent anti-sludge for use with CESI Chemicals' iron reducing agents. AS-751C is a versatile product that has found application in a wide variety of crudes. Being cationic it functions well in the presence of high concentrations of soluble iron and other cations that are present in acid. AS-751C water wets both sandstone and limestone formations, helps prevent water blocks and enhances fluid return. AS-751C may be used alone or in combination with other anti-sludge additives and/or non-emulsifiers. Mutual solvents have also been used to enhance the performance in particularly troublesome crudes. AS-751C is also an effective non-emulsifier in aqueous frac systems.

Properties

Form: Liquid	Chemical Family: Surfactant
Color: Dark Amber	Solubility: Acid, water, brine
Odor: Alcoholic	Wt. per Gal.: 7.884 lb
Charge: Cationic	Flash Point: 76°F (24°C)

Application

AS-751C may be used in any strength of acid. Typical use rate is 1.0 – 8.0 gals/Mgal. The exact dosage will depend on the crude type, temperature and acid strength. For best results determine the proper treating ratio in the lab using the crude to be contacted. In fracturing applications typical usage is 0.5 – 2.0 gal/Mgal.

Compatibility

AS-751C is cationic and is compatible with other cationic or nonionic materials. Caution must be exercised when running with anionic additives. Do not blend with any other chemical additives before use.

Handling/Storage

AS-751C is a flammable material. Store away from heat, sparks and open flames. Keep container tightly sealed to prevent evaporation, contamination, and explosion hazards. Use only with adequate ventilation. It can cause eye, skin and respiratory tract irritation by contact. Do not breathe vapors, especially in a confined area. Recommend use of chemical splash goggles and rubber gloves during handling. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

AS-751C is available in 55 gallon drums and 330 gallon tote tanks.