
PRODUCT DESCRIPTION

MS-810 is a unique blend of alcohol, mutual solvent, glycol ethers and surfactant. It will improve the performance of typical acidizing jobs on producing and injection wells. MS-810 can be used in all strengths of acid or with HCl/HF combinations. The use of MS-810 will help remove well bore pluggage and skin damage caused by scale, sludges, heavy hydrocarbon deposits, emulsion blocks or oil wet formation.

RECOMMENDED APPLICATION

Recommended use rate is 1.0 – 5.0 gal/Mgal of acid to increase acid penetration, prevent oil wet formation and emulsion blocks. To remove severe damage caused by sludges or heavy hydrocarbon deposits 10-20 gal/Mgal. may be required. In this case, sufficient acid containing MS-810 should be injected to achieve a contact radius of 3-5 feet around the well bore (approx. 1 BBL per vertical foot of perforation). Once the acid has been injected and displaced beyond the well bore, the well should be shut in for 24 hours.

COMPATIBILITY

MS-810 is nonionic. It is compatible with cationic, anionic and other nonionic additives.

TYPICAL PHYSICAL PROPERTIES

Form:	Liquid
Chemical Family:	Solvent/Surfactant
Color:	Colorless
Solubility:	Water, Brines, Acids
Odor:	Solvent
Wt. per Gal.:	7.60 lbs.
Charge:	Nonionic
Flash Point:	144°F (62°C)

HANDLING/STORAGE

MS-810 is a combustible liquid. Store away from heat, sparks and open flame. Keep drum 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 Material Safety Data Sheet (MSDS) for handling and hazard data.

PACKAGING

MS-810 is available in 55 gallon drums or 330 gallon totes.