

PRODUCT DESCRIPTION

MA-843 is a patent pending, biodegradable, thermodynamically stable micro-emulsion (clear mixture of solvent, co-solvent and surfactant) designed specifically for the reduction of H₂S in oil/gas production.

RECOMMENDED APPLICATION

For H₂S mitigation, the MA-843 should be used at 20 gal/1000 gal. In a typical application, inject 100-200 gallons per foot of zone into the near well bore area. For example; for a 20 ft. zone inject 2000 to 4000 gal. of 20 gal/1000 gal MA-843. As the gas percolates through the material, the H₂S is removed from the gas phase and is neutralized in the water phase. Alternatively, the material can be misted into the production stream through a capillary and the sulfur and water removed in the separator.

COMPATIBILITY

MA-843 is generally compatible with cationic, anionic and amphoteric additives. A compatibility test is advised before use with other surfactants.

TYPICAL PHYSICAL PROPERTIES

Form:	Liquid
Chemical Family:	Proprietary
Color:	Clear, colorless
Solubility:	Water, Acid, Brine
Odor:	Slight Evergreen
Wt. per Gal.:	7.837 lbs.
Charge:	Nonionic
Flash Point:	77 ⁰ F (25°C)

HANDLING/STORAGE

MA-843 is a flammable liquid. Keep drum tightly sealed to avoid contamination. MA-843 may cause eye, skin and respiratory tract irritation by contact with the liquid or vapors. Do not breathe vapors, especially in confined areas. Use with adequate ventilation. Recommend use of splash goggles and rubber gloves. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

PACKAGING

MA-843 is available in 55 gallon poly drums, 330 gallon bulk tanks, or bulk transport loads.

PATENT 7,380,606