

TECHNICAL DATA SHEET

DESCRIPTION

INHIBITOR MECOCOR-702M is innovative film-forming corrosion inhibitor designed to corrosion control of H₂S- and HCl – containing systems of the Crude Distillation Unit's overhead streams and condensing and air-cooling equipment of oil and gas refineries.

COMPOSITION

Mixture of reaction products of carboxylic acids with specific patented amines in various solvents.

TECHNICAL PROPERTIES

The typical properties of MECOCOR-702M are listed in below table.

APPEARANCE	Homogeneous liquid from light brown to dark brown with a characteristic solvent odor
SPECIFIC GRAVITY, kg/m ³	850-920
POUR POINT, °C	Below minus 40
FLASH POINT, °C	Not higher than 61°C
VISCOSITY	5,0 – 10,0 mm ² /s (cSt) at 20°C

APPLICATION

- Protection of tube bundles of air-coolers and heat exchangers of overhead lines of Crude Distillation Units on gas and oil refineries.
- Standard dosage rate to maintain optimum corrosion level is 1 to 4 g/t of overhead line flow
- MECOCOR-702M exhibits low emulsifying and foaming abilities up to the temperature of thermal degradation (200oC)

PACKAGING AND STORAGE

Products are stored in well-ventilated closed warehouses or under a cover, away from heating devices and ignition sources. Store separately from foodstuffs.

The guaranteed shelf life is 24 months, provided the storage conditions are observed.

SAFETY PRECAUTIONS

- Avoid contact of the product with skin and do not inhale vapors. Use protective gloves and goggles. If the product comes into contact with the skin, it must be washed off with plenty of water.
- If product gets into eyes, rinse thoroughly with water and seek medical advice.
- Product drums must be opened carefully to reduce vapor pressure. Keep the product away from sources of heat, sparks and open flames. Empty drums may contain vapors that form an explosive mixture.