

TECHNICAL DATA SHEET

DESCRIPTION

MECSAMINE 3-METHOXYPROPYLAMINE is special neutralizer designed to control the pH level to prevent corrosion and deposits of neutral and acidic components in the overhead streams, condensing and air-cooling systems of Crude Distillation Units in oil and gas refineries.

COMPOSITION

Consisting of an amine active base – 3-methoxypropylamine

TECHNICAL PROPERTIES

The typical properties of MECSAMINE 3-METHOXYPROPYLAMINE are listed in below table.

APPEARANCE	Homogeneous liquid from light yellow to brown with a characteristic solvent odor
SPECIFIC GRAVITY, kg/m ³	860-880
POUR POINT, °C	Below minus 40
FLASH POINT, °C	32
pH	11.0-13.0 (1.0% aqueous solution);
VISCOSITY, at 20°C	1,1 – 1,2 mm ² /s (cSt)

APPLICATION

- Neutralization of acidic components of water - hydrocarbon streams of overhead lines
- Standard dosage rate to maintain optimum pH is 1 to 3 g/t of overhead line flow

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

- The product is strongly alkaline. 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.