

### TECHNICAL DATA SHEET

#### DESCRIPTION

Polymerisation inhibitor MECSODISP for high – temperature processes (like visbreaking and thermal cracking) increases high – temperature stability of petroleum crudes and fuel oils due to inhibition and prevention of polymerization and oxidation of paraffins. Effective for comprehensive protection of heat – exchangers, furnace coils and transfer against the formation of coke deposits (since polymerization is the first stage of coking).

#### COMPOSITION

Mixture reaction products of polyalkenyl succinimide derivatives and nitrogen – containing antioxidant in high-boiling aromatic solvent.

#### TECHNICAL PROPERTIES

The typical properties of MECSODISP are listed in below table.

APPEARANCE	Homogeneous liquid from light yellowish to light brown
SPECIFIC GRAVITY at 50°C, kg/m <sup>3</sup>	910-970
POUR POINT, °C	Not above minus 10
FLASH POINT, °C	Above 61°C
VISCOSITY at 50°C	About 40,0 mm <sup>2</sup> /s (cSt)

#### APPLICATION

- The Trial program for using the MECSODISP is developed individually based on preliminary studies of crude quality.
- Typical additive dosage ranges of MECSODISP from 5 to 30 g/t of high-temperature flow, depending on characteristics of the crude and the content of resins and paraffines.
- The best result is achieved by pre-treatment of metal surface with the passivation agent MECSOPRIME and in combination with coke formation inhibitor MECSOCOKE.

#### PACKAGING AND STORAGE

MECSOPRIME additive can be supplied in bulk in tank-containers, as well as in IBC cubes and metal drums.

The product can be stored in closed containers almost unlimited time.

Avoid skin contact and inhalation product vapor. Use gloves when working and safety glasses. In case of contact with skin, wash off plenty of water and soap. In case of contact with eyes, rinse with plenty of water. and consult a doctor. Open containers with care, gradually reducing internal pressure. Containers keep closed and avoid getting into the product water. Keep away from fire and sparks. mixed effectively.