

TECHNICAL DATA SHEET

DESCRIPTION

Hydrogen sulfide scavenger **MECSOSCAV-3** is an innovative scavenger for applications in the oil and gas industry to remove (neutralize) free hydrogen sulfide and mercaptans in oils, any liquid hydrocarbons and residual fuels. Does not contain formaldehyde and triazines and has a number of unique advantages. It is completely **safe** for oil refining processes, since it **does not cause the formation of insoluble organosulfur deposits** inside the Crude Distillation Unit's equipment. Does not affect the **alkalinity of petroleum** products after treatment (does not increase the pH of the water extract).

COMPOSITION

A mixture of active imino-containing components in organic solvents.

TECHNICAL PROPERTIES

The typical properties of **ARBASCAV-3** are listed in below table.

APPEARANCE	Liquid from amber to dark brown.
SPECIFIC GRAVITY, kg/m ³	830 - 880
POUR POINT, °C	minus 50
FLASH POINT, °C	
- for Water-methanol solvent (Type A)	below 20
- for Water-glycol solvent (Type B)	higher 65
VISCOSITY	20,0 mm ² /s (cSt) at 20°C

APPLICATION

- For oil treatment, the effective dosage is from 0.9 to 1.5 ppm **ARBASCAV-3** per each 1.0 ppm of hydrogen sulfide, which should be scavenged to.
- The dosage can be reduced by installing an effective spray nozzle at the reagent injection point.
- For dosing of the corrosion inhibitor, it is recommended to use block dosing units. When transferring inhibitors from supply containers, it is recommended to use oil- and petrol resistant hoses.

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 food stuffs.

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.