

TECHNICAL DATA SHEET

DESCRIPTION

ARBACIDE-403 biocides are developed in various forms intended for:

- growth suppression of sulfate-reducing bacteria which causes microbiological corrosion of oilfield equipment;
- improved effect of new biocidal components without involvement of conventional chemicals that sulfate-reducing bacteria might adapt to;
- impact on biofilms and prevention of their re-growth. Biofilm structure change accelerates bactericidal components penetration into sulfate-reducing bacteria colonies.

COMPOSITION

A highly concentrated mixture of quinoline (bactericidal component) and ethoxylated aromatic amine N-methyl-p-anisidine in water-methanol solvent.

TECHNICAL PROPERTIES

The typical properties of ARBACIDE-403 are listed in below table.

APPEARANCE	Liquid from light to dark brown color
SPECIFIC GRAVITY, kg/m ³	
Type C	1,04 ÷ 1,14
Type A	0,89 ÷ 0,98
Type M	0,88 ÷ 0,97
Dry content, %	
Type C	45,0
Type A	20,0
Type M	7,0
Kinematic viscosity at 20 °C, mm ² /s	
Types A, M	20
Type C	not normalized

APPLICATION

- ARBACIDE-403 Type C is ready-to-dilute concentrate for biocide formulations in water-methanol mixture.
- ARBACIDE-403 Type A – is ready-to-use biocide consist of biodispersing surfactant at wide ethoxylation range (10-20 moles of ethylene oxide) with recommended dosage range of 75 ÷ 200 ppm.
- ARBACIDE-403 Type M – is ready-to-use biocide consist of biodispersing surfactant at lower ethoxylation range (2-5 moles of ethylene oxide) with recommended dosage range of 125 - 250 ppm.
- The reagent does not contain quaternary ammonium compounds and does not exceed the content of volatile organochlorine compounds in the oil.

PACKAGING AND STORAGE

ARBACIDE-403 are stored in well-ventilated closed warehouses or under a cover, away from heating devices. It is stored packed or in stationary chemically protected containers. The guaranteed shelf life is 24 months.

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.
- Reagents in contact with the mucous membrane of the eyes and the skin causes their irritation.
- In case of contact with the mucous membrane of the eyes, rinse with plenty of water.