

Remacid

REMACID is a liquid bactericide designed to prevent bacterial degradation of organic components of water-based solutions such as polysaccharides and biopolymers. The reagent contains glutaraldehyde. Due to the high concentration of the active substance, it is much more effective than bactericides produced in solid form.

Typical Physical Properties

Physical appearance	Transparent liquid
Specific gravity	1.05-1.15
Solubility in water	100%

Applications

REMACID suppresses the vital activity of most microorganisms, including both aerobic and anaerobic bacteria. The recommended concentration range for most systems is between 0.1 and 0.4 kg/m³.

The agent can be introduced through the hopper or directly into the tank during circulation at the rate of 1 canister for 10-15 minutes so that the entire volume of the mud is evenly treated. When making new mud, it is recommended to treat the water with the agent before introducing polymers. When used in a starch mud, the sufficient initial concentration is about 0.1 kg/m³. For further treatment, 0.4 kg/m³ of the agent is enough.

If the initial activity of bacteria is high, it may be necessary to pre-treat the mud at the rate of 0.1-0.2 kg/m³ of the agent. For subsequent treatments, 0.1 - 0.3 kg/m³ is enough.

The minimum recommended concentration of REMACID in packer fluids is 0.4 kg/m³.

REMACID can be also effectively used for SAC waters, injection waters and production operations.

Advantages

- Effectively suppresses vital activity of most known bacteria
- Non-ionic agent – does not interact with other ingredients of the mud
- Highly concentrated cost-efficient agent
- Not subject to aging and temperature impact

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Limitations

- Strong skin and eye irritant – handle with care

Toxicity and Handling

Fire-resistant liquid, bactericide, moderate hazardous substance in terms of human health effects, always use PPE.

The agent is certified for use as an ingredient of drilling muds in the Russian Federation. Copies of the hygienic certificate, toxicological data sheet and MPC report can be provided upon request. Biological analysis data can be provided upon additional request.

Handle in accordance with the general requirements for industrial agents and the requirements for the safety and transport of materials.

Packaging and Storage

Product is supplied in 30 -l cans, 200-l drums upon request.

REMACID to be stored in dry storage areas. Products doesn't lose its properties after de-frosting.

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