

RF Defoam

RFDEFOAM is a liquid ester-based defoamer. Helps controlling foaming in water-based drilling muds containing fresh water, brackish water, sea water, and saturated salt water. Can be used in muds for well completion.

Typical Physical Properties

Physical appearance	Light-brown to brown liquid
Specific gravity	0.9
Solubility in water	Dispersible
Freezing point.....	-15C
Water content.....	.5%

Applications

RFDEFOAM is a broad-spectrum agent. Reduces foaming in water-based drilling muds containing fresh water, brackish water, sea water, and saturated salt water. Compatible with all additives used in drilling. RFDEFOAM is easy to mix, demonstrates a quick action, is effective in low concentrations, and is more resistant than alternative defoaming products. Typical dosages of RFDEFOAM are within the range of 0.2 -1 kg/m3. RFDEFOAM is also recommended for preventive treatment in case of using the agents such as lignosulfonates, products based on lignite and tannin. For maximum performance, RFDEFOAM should be effectively mixed with the treated mud.

Advantages

- Concentrated agent that requires a minimum concentration for treatment
- Easy to mix
- Helps to stabilize the pressure on the pumping devices
- Effective in a wide temperature and pH ranges

Limitations

- Performance can be reduced in highly mineralized (salt-saturated) drilling mud systems

Toxicity and Handling

Flammable liquid, moderate hazardous substance in terms of health effects, always use PPE, read the safety data sheet carefully before using. Low-hazard substance in terms of human health and aquatic biota effects, hazard class 4. Handle the product in accordance with Material Safety Data Sheet (MSDS) and General Requirements for Handling Industrial Reagents

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Packaging and Storage

The product is supplied in 25L plastic cans. Store in closed containers, in covered warehouses at temperatures from minus 40oC to plus 30oC, keep away from heat sources and direct sunlight. Observe the rules for storing materials regarding packaging, attachment, and warehousing.

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