

SUPERFOAM

SUPERFOAM agent is water-soluble and biodegradable. This material, designed exclusively for mineral and water-well drilling, has the ability to foam in fresh, brackish, or salty waters.*

Typical Physical Properties

Physical appearance.....	Clear liquid
Specific gravity	1.07
Solubility	100%

Applications

Used in air-drilling applications, the SUPERFOAM product acts as a foaming agent. Based on the amount of product added and the injection rate, it can be used for dust suppression, mist, foam, and stiff-foam drilling.

Advantages

SUPERFOAM liquid is more concentrated and is an economically viable alternative to regular foaming agents.

Methods of Addition

- To use as a dust suppresser or to prevent bit balling in damp formations: Mix ¼-½ pints (0.11-0.23 L) per 50 gal (189 L) of water
- For mist drilling with moderate amounts of water intrusion: Mix 1-2 pints (0.5-0.95 L) per 50 gal (189 L) of water
- For foam drilling with excessive amounts of water intrusion: Mix 4 pints (1.89 L) of SUPERFOAM liquid per 50 gal (189 L) of water
- For slug drilling: ¼ pint (0.11 L) in 2 gal (7.6 L) of water
- Stiff foams: To obtain desired viscosity, mix MAX GEL* or POLY-PLUS* 2000 product in 50 gal (189 L) of water and stir in ½ gal (1.9 L) of SUPERFOAM liquid. Pump the slurry into the air stream at 7-10 gal (26.6–38 L) per min.

Limitations

When used as recommended, there are no limitations imposed on this product.

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheets (MSDS).

Packaging and Storage

SUPERFOAM liquid is packaged in 5-gal (18.9-L) buckets and 55-gal (208.2-L) drums.

Store in a well-ventilated area away from sources of heat or ignition.

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HDD Mining & Waterwell Group
5950 North Course Drive, Suite 431
Houston, TX 77072
Tel: 832-295-2564
Fax: 832-351-4131
www.drilling-fluids.com
E-mail: hdd@miswaco.com