

# PLATINUM FOAM PLUS

## Foaming agent

### APPLICATIONS

- Air drilling
- Dust suppression
- Foam and stiff-foam drilling
- Mist drilling

### BENEFITS

- Produces stable, consistent foam in all water types
- Offers excellent carrying capacity
- Improves hole cleaning and penetration rates
- Enables use with downhole hammers

### FEATURES

- Certified to NSF ANSI 60
- Environmentally acceptable and biodegradable
- Highly stable with excellent retention times

The PLATINUM FOAM PLUS\* foaming agent is specially designed to have a high flash point, minimizing transit restrictions. In addition, this foaming agent, formulated to have a low freezing point for cold weather applications, has the ability to foam in fresh, brackish, or salty waters.



Based on the amount of PLATINUM FOAM PLUS agent added and the injection rate, it can be used in air-drilling applications, dust suppression, and mist, foam, and stiff-foam drilling. Typical application rates are 0.5 vol % to 2 vol % of injection water.

As a dust suppressor or to prevent bit balling in a damp formation, mix 1/3 to 3/4 pints per 50 galUS [189 L] of water. For mist drilling with moderate amounts of water intrusion, mix 4/5 to 1.5 L per 50 galUS of water. For foam drilling with excessive amounts of water intrusion, mix 2.9 L of product per 50 galUS of water.

To obtain desired viscosity in stiff foams, mix the MAX GEL\* viscosifier or POLY-PLUS 2000\* high-solids liquid clay inhibitor in 50 galUS of water to 32 s/qt and stir in 0.75 galUS [3 L] of PLATINUM FOAM PLUS agent. Pump the slurry into the air stream at 7 to 10 galUS/min [26.6 to 38 L/min]. POLY-PLUS\* high-molecular-weight liquid clay inhibitor can be substituted for POLY-PLUS 2000 inhibitor.

When used as recommended, there are no limitations imposed on this product. Bioassay information is available upon request. Handle the PLATINUM FOAM PLUS agent as an industrial chemical, wear protective equipment, and observe the precautions described in the MSDS.

PLATINUM FOAM PLUS agent is packaged in 5-galUS [18.9-L] buckets and 55-galUS [208-L] drums. Store the agent in a well-ventilated area away from heat or ignition sources.

### Typical Physical Properties

Physical appearance	Clear to pale yellow solution
Freeze point	15 degF [-9.4 degC]
Flash point	202 degF [94.4 degC]
Relative density	1.04
Solubility	100%
pH (10% solution)	7.5 to 8.5