

AMC SUPERFOAM™

Foaming Agents & Detergents

IMDEX™

Description

SUPERFOAM™ is a general-purpose foaming agent that can be used in fresh and saline water. SUPERFOAM™ is biodegradable and is therefore well suited to all air drilling applications.

Application

SUPERFOAM™ may be used in a variety of air drilling operations, ranging from simple air drilling to stiff foam drilling where the foam is reinforced using viscosifiers. Stiff foam applications include areas of severe lost circulation, large diameter holes and unconsolidated formations.

SUPERFOAM™ will reduce air volume requirements by increasing the ability of the air stream to lift cuttings. SUPERFOAM™ also reduces the tendency of soft clays to stick together.

Recommended Treatment

Mist Drilling

SUPERFOAM™ should be mixed with water at 0.25 – 0.5 % by volume and injected into the air stream. The rate of injection will depend on hole size, compressor output and water flow rate etc.

Foam Drilling

If water flow rates are high and compressor limits are reached, up to 0.5 – 1.5 % by volume of SUPERFOAM™.

Stiff Foam Drilling

Stiff foam can be prepared by adding 1 – 1.5% SUPERFOAM™ to a base fluid with a funnel viscosity of 35 – 45 seconds and then applying this mixture down hole.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

Advantages

- Rapidly generates high volumes of highly stable foam
- Reduces air requirements
- Effective dust suppressant
- Reduces borehole erosion when drilling poorly consolidated formations
- Improves hole cleaning
- Reduces the tendency of softer clays to stick together
- Environmentally acceptable.

Typical Physical Properties

Appearance:	Fluorescent yellow liquid
Solubility:	Soluble in water
pH:	7 – 9.5

ASIA PACIFIC

Perth, Australia (Head Office)
+61 8 9445 4000

Indonesia
+61 (0) 21 759 11244

AFRICA

South Africa
+27 (11) 908 5595

EUROPE

Norway
+47 72 87 01 01

Germany
+49 4402 9650-0

United Kingdom
+44 (0) 1273 483 700

SOUTH AMERICA

Argentina
+54 9 261 211 3676

Brazil
+55 (47) 3404 5920

Chile
+56 (2) 2589 9300

Peru / Ecuador
+51 (1) 322 8850

NORTH AMERICA

USA / Canada
+801-364-0233

Mexico
+52 (871) 169 2095