

# AMC HV FOAM SW™

Foaming Agents &amp; Detergents

**IMDEX™**

## Description

HV FOAM SW™ is a highly concentrated foam which has been formulated to produce a stable, high strength foam in highly brackish and very hard water.

## Application

HV FOAM SW™ may be used in a variety of air drilling applications from simple rotary air to reverse circulation drilling. HV FOAM SW™ is designed to produce high volumes of foam exhibiting high bubble strength and stability. The combination of these characteristics effectively lowers the air volumes required and significantly improves cuttings transportation.

HV FOAM SW™ assists in regaining returns in highly cavernous areas and better control water inflows. HV FOAM SW™ can be used for dust suppression, mist and foam drilling or combined with viscosifiers to form stiff foams. HV FOAM SW™ can assist with hole stability, reduce the stickiness of clays and shales and problems associated with mud rings and bit balling.

## Recommended Treatment

### Mist Drilling

HV FOAM SW™ 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 HV FOAM SW™.

### Stiff Foam Drilling

Stiff foam can be prepared by adding 1 – 1.5% HV FOAM SW™ 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

- Ideally suited to highly saline and very hard water
- Rapidly generates high volumes of highly stable foam
- Ideal for regaining circulation in cavernous formations
- Helps controls water inflow
- Reduces air requirements and allows deeper drilling
- Effective dust suppressant
- Reduces borehole erosion when drilling poorly consolidated formations
- Improves hole cleaning
- Reduces the tendency of softer clays to stick together

## Typical Physical Properties

Appearance:	Amber to brown liquid
pH (as supplied):	7.5 – 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