

# UB-10

## CBM Drilling Foam



### DESCRIPTION

**UB-10** is a biodegradable foaming agent designed specifically for coalbed methane drainage applications. It is effective in fresh and brine water.

### APPLICATIONS

**UB-10** is an engineered surfactant which will not cause permeability damage in coal seams. Conventional foaming agents alter the natural surface chemistry of coal which can adversely affect the coal's ability to dewater and hence the ability to produce gas.

**UB-10** is recommended for use as a foaming agent in underbalanced aerated systems in CBM operations. It can be defoamed effectively using FS D-Foam.

### ADVANTAGES

- Provides stable foam at low concentrations
- Biodegradable and non-dangerous
- Increases penetration rates
- Effective in fresh and poor quality water
- Enhances the dewatering of coal seams
- Compatible with polymers as a stiff foam
- Can be rapidly defoamed

### TYPICAL PROPERTIES

Physical appearance	Clear liquid
Specific Gravity	1.0 approx
Solubility	Complete in water
pH	6.0 – 8.0

### RECOMMENDED TREATMENT

Dust Suppression	1-2 litres per 1000 litres water
Mist drilling	2-5 litres per 1000 litres water
Normal foam drilling	5 -20 litres per 1000 litres water
Stiff Foam	Mix a base fluid containing 1 – 3 litres FS 2000 or 2kg Pac-HV per 1000 litres plus 10-20 litres UB-10 per 1000 litres. Inject into the airstream to produce stiff foam.

### PACKAGING

25 litre, 200 litre, and 1000 litre drums