

## Product Information

## Modifoam 735

*Drilling Foam*

**Description:** Modifoam 735 is a special mixture of anionic surfactants resulting in a high performance drilling foam for hammer and air rotary drilling. Modifoam 735 can be used in fresh, brackish, hard or salty water. Modifoam 735 generates stable foams which can be boosted into a very stiff foam by adding ARGIPOL F or PAC L. Modifoam 735 is very effective when drilling large holes in areas where lost circulation is expected.

**Applications:** Drilling Foam for rock drilling, water well drilling, mining, for simple air drilling and stiff foam drilling by adding polymers.

**Properties:** Modifoam 735 is a high performance foaming agent in air drilling applications. The foam is generated at the surface by mixing the air from the compressor with the liquid Modifoam 735/water solution from the pump.

Ready mixed Modifoam 735 is a drilling foam with high elasticity and high carrying capacity which improves borehole stability in poorly consolidated sand and gravel formations.

With Modifoam 735 an extended bit life is achieved. The compressed air cools the bit and carries the cuttings up very quickly. Modifoam 735 increases the penetration rate remarkably, in many cases the drilling procedure is 2 – 3 times faster resulting in an longer bit life.

Modifoam 735 is a pale yellow liquid. It is completely soluble in water. Modifoam 735 is environmentally friendly and biodegradable.

### Typical Concentrations:

For normal drilling: 10 – 15 kg / m<sup>3</sup>

For stiff foam drilling:

1 – 1,5 kg Argipol L / m<sup>3</sup> + 15 kg Modifoam 735 / m<sup>3</sup> or

2 – 3 kg PAC R / m<sup>3</sup> + 15 kg Modifoam 735 / m<sup>3</sup>

After injection into the air stream the fluid will create stiff and stable foam like shaving cream.

Very hard water should be pretreated with soda ash

**Packaging:** 25 kg plastic jerry cans  
200 kg plastic drums  
1.000 kg containers