

## QUIMAGEL AS-575

### Additive for drilling

#### Chemical composition:

**QUIMAGEL AS-575** is an anionic polymer with high molecular weight , which can be used as a flocculating agent and as thickener for drilling fluids.

#### Description:

<p><b>Quimagel AS-575</b> is a organic flocculant commonly used when drilling gravels, silts and clays with low plasticity values.</p> <p><b>Quimagel AS-575</b> must be added slowly to water while stirring, until homogeneous mixture in gel form. This gel facilitates drilling tasks and hold the walls of the hole.</p> <p><b>Quimagel AS-575</b> is biodegradable. This product can be used alone or in combination with other drilling additives.</p>	PROPERTY	VALUE	UNIT
	<b>Aspect:</b>	<b>White powder</b>	
	<b>Density (20°C)</b>	<b>0.7-0.9</b>	<b>Kg/l</b>
	<b>Viscosity (20°C) (2% sol.)</b>	<b>N.A</b>	<b>N.A</b>
	<b>pH Value (20°C) (1% sol.)</b>	<b>7-9</b>	
	<b>Effective pH range</b>	<b>6-10</b>	

#### Applications:

**QUIMAGEL AS-575** is mainly used to drill gravels, silt and clay. In aqueous solution forms a highly viscous gel whose main applications are:

- **Facilitate drilling effect "lubricant".**
- **Holding and give more stability to the walls of the hole.**
- **Avoid drilling siphoning of confined groundwater levels at very low pressure.**
- **Facilitate the removal of cuttings inside the hole.**
- **Facilitate cooling of the drill or drill bit.**

#### How to use :

**QUIMAGEL AS-575** is directly added to the water for drilling, stirring the mixture until homogeneous. It can be necessary to wait 10-20 minutes until complete hydration.

There is not a specific dosage for this product because it depends on drilling, but normal dosage can be between **0.01-0.5%** of total water.

#### Presentation and storage:

**QUIMAGEL AS-575** is provided in sacks of 25 Kg. The product is stable during 8 months in properly storage conditions.