

## QUIMAGEL AS-950

### HIGH PURITY polymer for drilling

**Chemical composition:**

**QUIMAGEL AS-950** 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-950</b> is a organic flocculant commonly used when drilling gravels, silts and clays with low plasticity values.</p> <p><b>Quimagel AS-950</b> must be added slowly to water while stirring, until homogeneous mixture in gel form. This gel facilitates drilling tasks and holds the walls of the hole.</p> <p><b>Quimagel AS-950</b> is biodegradable. This product can be used alone or in combination with other drilling additives.</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">PROPERTY</th> <th style="padding: 5px;">VALUE</th> <th style="padding: 5px;">UNIT</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Aspect:</td> <td style="padding: 5px;">White powder</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Density (20°C)</td> <td style="padding: 5px;">0.7-0.9</td> <td style="padding: 5px;">Kg/l</td> </tr> <tr> <td style="padding: 5px;">Purity</td> <td style="padding: 5px;">85-100</td> <td style="padding: 5px;">%</td> </tr> <tr> <td style="padding: 5px;">pH Value (20°C) (1% sol.)</td> <td style="padding: 5px;">7-9</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Effective pH range</td> <td style="padding: 5px;">6-10</td> <td style="padding: 5px;"></td> </tr> </tbody> </table>	PROPERTY	VALUE	UNIT	Aspect:	White powder		Density (20°C)	0.7-0.9	Kg/l	Purity	85-100	%	pH Value (20°C) (1% sol.)	7-9		Effective pH range	6-10	
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**Applications:**

**QUIMAGEL AS-950** 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-950** 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-950** is provided in sacks of 25 Kg. The product is stable during 8 months in properly storage conditions.