



Färber & Schmid
Chemie · Technik

Liquipur FS-45

Liquid stabilized calcium hydroxide suspension

Liquipur FS-45 is a 45% suspension of chemically pure calcium hydroxide. It is storage-stable and ready to dose. Due to the defined ground grits and finely dispersed distribution, Liquipur FS-45 has a significantly faster responsiveness than conventional lime water solutions. In practice, this means an extremely efficient pH elevation without subsequent reaction (no pH overshoot) and a significant amounts saving. Due to the special additives used, the suspension has despite the very high active substance content a correspondingly low viscosity.

The user receives an easy-to-use product which has been specifically proven for heavily polluted wastewater (degreasing, oils, emulsions, surfactants, etc.). Compared to powders there is no preparing of solutions and no massive dust behavior.

Technical Properties	
Density (g/cm ³) at 20°C	1,30
pH-value (10 g / l H ₂ O)	12,0 - 13,0
Application temperature (°C)	20 - 50
Water solubility	dispersible
Operation concentration kg/m ³	0,2 - 10,0

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Mining Companies	+
Sewage Plants	++	Textile Industry	++
Waste Diposal	++	Chemical Industry	++

++ very recommended	+ recommended	o possible	- not recommended
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General Indications
The product is delivered as a ready to use solution.
The suspension should be stirred occasionally.
Removes harmful ions such as fluorides, phosphates and sulfates.
Avoids the redissolution of chromium and zinc hydroxide.
Removal of colloidal turbidities.
Liquipur FS-45 enhances the sludge dewatering.
The resulting hydroxide sludge flocculates very well.
Dangerous goods

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