

## Molecular Sieve 13X

### Section 1: Information to the supplier / distributor

**GIEBEL FilTec GmbH**  
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### Section 2: Identification of the substance

Chemical product name: Sodium Alumina silicate  
Composition:  $\text{Na}_{12} ((\text{AlO}_2)_{12}(\text{SiO}_2)_{12})$   
CAS No.: 1318-02-1  
EC No.: 215-283-8  
Containing -Myrica rubra tannin- binding agent

### Section 3: Specifications

Structure: X  
Cations:  $\text{Na}^+$   
Real Pore Size: 0,74 nm  
Effective Pore Size: 0,9-1,0 nm  
Appearance and shape: Beige, solid balls  
Particle size: 3,0-5,0 mm  
Bulk density: 0,60 kg/l  
Pore volume: 0,35-0,70 ml/g  
Crushing strength: >60 N  
Specific surface: 650-1250  $\text{m}^2/\text{g}$   
575°C Loss in ignition: <2 %  
Abrasion rate: <0,2 %  
Water adsorption capacity: >270 ml/kg  
Regeneration temperature: 300°C