



Molecular sieve 5A

Section 1: Information to the supplier/distributor

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Section 2: Identification of the Substance

Chemical product name: Sodium Alumina silicate
Composition: $\text{Ca}_5\text{Na}_2 ((\text{AlO}_2)_{12}(\text{SiO}_2)_{12})$
CAS No.: 1318-02-1
EC No.: 215-283-8
REACH Registration No.: 01-2119429034-49-xxxx

Section 3: Specifications

Structure: A
Cations: Ca^+
Real Pore Size: 0,5 nm
Effective Pore Size: 0,5 nm
Appearance and shape: Beige, solid balls
Particle size: 3,0-5,0 mm
Bulk density: 0,67 kg/l
Pore volume: 0,35-0,70 ml/g
Crushing strength: >80 N
Specific surface: 500-1000 m^2/g
575°C Loss in ignition: <1,5 %
Abrasion rate: <0,25 %
Water adsorption capacity: >230 ml/kg