

Sodium hexametaphosphate, EssentQ®

Identification

Na-(NaPO₃)_n-ONa
CAS [68915-31-1]
EC number: 272-808-3
Taric code: 2835 39 00

Synonyms

Sodium polyphosphate, Graham's salt

Applications

dentifrices, polishing agent, detergent (abrasive).

Specifications

assay (acidimetric, as P ₂ O ₅)	65 - 70 %	arsenic (As).....	max. 2 ppm
insoluble in water.....	max. 0,01 %	iron (Fe).....	max. 0,01 %
chlorides (Cl).....	max. 0,03 %	copper (Cu).....	max. 0,0025 %
sulfates (SO ₄).....	max. 0,1 %	lead (Pb).....	max. 0,0025 %
		nickel (Ni).....	max. 0,0025 %

Physical data

- Appearance: crystals, white
- Spec. Density: 2,48 g/cm³
- Bulk density: ~ 900 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 628 °C
- pH(10 g/l H₂O, 20 °C) ~ 5,7
- Hygroscopic