

Sodium hydrogen sulfate anhydrous, EssentQ®

Identification

NaHSO₄
M = 120,06 g/mol
CAS [7681-38-1]
EC number: 231-665-7
Taric code: 2833 19 00

Synonyms

Sodium bisulfate

Applications

analytical chemistry, in the textile industry, in building materials.

Specifications

assay (acidimetric).....	min. 97 %	calcium (Ca).....	max. 0,01 %
insoluble in water.....	max. 0,01 %	heavy metals (as Pb).....	max. 5 ppm
chlorides (Cl).....	max. 0,005 %	iron (Fe).....	max. 0,005 %
phosphates (as PO ₄).....	max. 0,003 %	magnesium (Mg).....	max. 0,01 %
		potassium (K)	max. 0,005 %

Physical data

- Appearance: humid crystals, white or almost white, up to 1,5cm
- Spec. Density: 2,10 g/cm³
- Solub. in water: (25 °C): 286 g/l
- Melting point: 315 °C
- pH< 1

Safety - GHS

Signal Word: Danger

Hazard Statements:

H318: Causes serious eye damage.



Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor / physician.

Transport/storage

- ADR: 8 C2 III • UN 3260 • CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.(Sodium hydrogen sulfate anhydrous)
- IMDG: 8 III • UN 3260 • CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.(Sodium hydrogen sulfate anhydrous)
- IATA/ICAO: 8 III • UN 3260 • CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.(Sodium hydrogen sulfate anhydrous)
- PAX: 822
- CAO: 823
- 15°C - 25°C