

Sodium thiocyanate, for analysis, ExpertQ®, ACS**Identification**

NaSCN
M = 81,07 g/mol
CAS [540-72-7]
EC number: 208-754-4
Taric code: 2842 90 80

Synonyms

Sodium sulfocyanide, Sodium rhodanide

Applications

analytical chemistry, synthesis of organic products (thiocyanates).

Specifications

assay (argentometric).....	min. 98 %	sulfides (S).....	max. 0,001 %
insoluble in water.....	max. 0,005 %	ammonium (NH ₄).....	max. 0,002 %
carbonates (as Na ₂ CO ₃).....	max. 0,2 %	heavy metals (as Pb).....	max. 5 ppm
chlorides (Cl).....	max. 0,01 %	iron (Fe).....	max. 2 ppm
sulfates (SO ₄).....	max. 0,01 %	lead (Pb).....	max. 5 ppm

Physical data

- Spec. Density: 1,74 g/cm³
- Bulk density: ~ 800 - 1000 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 310 °C
- pH(100 g/l H₂O, 20 °C) 6 - 8
- Hygroscopic

Safety - GHS

Signal Word: Warning

**Hazard Statements:**

- H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H412: Harmful to aquatic life with long lasting effects.
EUH032: Contact with acids liberates very toxic gas.

Precautionary Statements:

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P321: Specific treatment (see on this label).
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C