

Identification

NaN₃
M = 65,01 g/mol
CAS [26628-22-8]
EC number: 247-852-1
Taric code: 2850 00 60



Synonyms

Hydrazoic acid sodium salt

Applications

analytical chemistry, laboratory reagent, synthesis of organic products, preservative agent, salt for azidations, herbicide.

Specifications

assay (titration with HClO ₄).....	min. 99 %	nitrites (NO ₂).....	max. 0,05 %
insoluble in water.....	max. 0,05 %	sulfates (SO ₄).....	max. 0,05 %
alkalinity (as NaOH)	max. 0,1 %	heavy metals (as Pb).....	max. 0,001 %
chlorides (Cl).....	max. 0,05 %	iron (Fe).....	max. 0,05 %
		loss on drying	max. 0,1 %

Physical data

- Appearance: crystals, white
- Spec. Density: 1,85 g/cm³
- Solub. in water: (17 °C): 420 g/l
- Melting point: 275 °C (decomposes)

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H300+H310: Fatal if swallowed or in contact with skin.
H373: May cause damage to organs through prolonged or repeated exposure.
H410: Very toxic to aquatic life with long lasting effects.
EUH032: Contact with acids liberates very toxic gas.



Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T5 II • UN 1687 • SODIUM AZIDE
- IMDG: 6.1 II • UN 1687 • SODIUM AZIDE
- IATA/ICAO: 6.1 II • UN 1687 • SODIUM AZIDE
- PAX: 613
- CAO: 615
- 10°C - 30°C