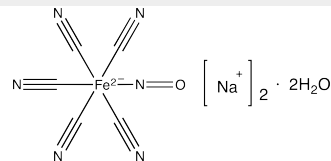


Sodium nitroprusside dihydrate, for analysis, ExpertQ®, ACS

Identification

Na₂[Fe(CN)₅NO] · 2H₂O
M = 297,95 g/mol
CAS [13755-38-9]
EC number: 238-373-9
Taric code: 2837 20 00



Synonyms

Disodiumpentacyanonitrosylferrate(II) dihydrate, Disodiumnitrosylpentacyanoferrate(II) dihydrate, Sodium nitroferricyanide, Nitroprusside sodium

Applications

reagent for organic compounds detection.

Specifications

assay (argentometric).....	99 - 102 %	insoluble in water.....	max. 0,01 %
identity.....	passes test	chlorides (Cl).....	max. 0,02 %
		sulfates (SO ₄).....	max. 0,01 %

Physical data

- Appearance: crystals, dark red, up to 1cm
- Spec. Density: 1,71 g/cm³
- Bulk density: ~ 1000 kg/m³
- Solub. in water: (20 °C): 400 g/l
- pH(50 g/l H₂O, 20 °C) ~ 5

Safety - GHS

Signal Word: Danger

Hazard Statements:

H301: Toxic if swallowed.



Precautionary Statements:

- P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
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 1588 • CYANIDES, INORGANIC, SOLID, N.O.S.(Sodium nitroprusside dihydrate)
- IMDG: 6.1 II • UN 1588 • CYANIDES, INORGANIC, SOLID, N.O.S.(Sodium nitroprusside dihydrate)
- IATA/ICAO: 6.1 II • UN 1588 • CYANIDES, INORGANIC, SOLID, N.O.S.(Sodium nitroprusside dihydrate)
- PAX: 613
- CAO: 615
- 15°C - 25°C