

**Sodium hexanitrocobaltate(III), for analysis, ExpertQ®, ACS, Reag.
Ph Eur****Identification**

Na₃[Co(NO₂)₆]
M = 403,94 g/mol
CAS [13600-98-1]
EC number: 237-077-7
Taric code: 2842 90 90

Synonyms

Sodium cobaltinitrite, Cobalt(III) sodium nitrite

Applications

analytical chemistry, laboratory reagent, for the detection of: potassium.

Specifications

identity (IR-spectrum).....	passes test	sulfates (SO ₄).....	max. 0,01 %
insoluble matter.....	max. 0,02 %	iron (Fe).....	max. 0,002 %
chlorides (Cl).....	max. 0,005 %	suitability for determination of K.....	passes test

Physical data

- Appearance: powder, orange
- Bulk density: ~ 480 kg/m³
- Solub. in water: (20 °C): 720 g/l
- pH(100 g/l H₂O, 20 °C) ~ 5

Safety - GHS

Signal Word: Danger

Hazard Statements:

H272: May intensify fire; oxidiser.
H350: May cause cancer.

**Precautionary Statements:**

P221: Take any precaution to avoid mixing with combustibles.
P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P220: Keep / Store away from clothing / combustible materials.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 5.1 O2 III • UN 1479 • OXIDIZING SOLID, N.O.S.(Sodium hexanitrocobaltate(III))
- IMDG: 5.1 III • UN 1479 • OXIDIZING SOLID, N.O.S. (Sodium hexanitrocobaltate(III))
- IATA/ICAO: 5.1 III • UN 1479 • OXIDIZING SOLID, N.O.S. (Sodium hexanitrocobaltate(III))
- PAX: 516
- CAO: 518
- 10°C - 30°C