PL0140
Lead(II) nitrate, for analysis, ExpertQ®, ACS

Identification

$Pb(NO_3)_2$
M = 331,21 g/mol
CAS [10099-74-8]
EC number: 233-245-9
Taric code: 2834 29 20

Applications

analytical chemistry, laboratory reagent, manufacture of dyes, in explosive compositions, photography, in the textile industry.

Specifications

assay (complexometric)	min. 99,5 %	copper (Cu)	max. 0,002 %
insoluble matter	max. 0,005 %	iron (Fe)	max. 5 ppm
chlorides (Cl)	max. 0,0005 %	potassium (K)	max. 0,005 %
calcium (Ca)	max. 0,005 %	sodium (Na)	max. 0,02 %

Physical data

- Appearance: crystals, white
- Spec. Density: 4,53 g/cm^3
- Bulk density: ~ 1850 kg/m^3
- Solub. in water: (20 °C): 525 g/l
- Melting point: ~ 470 °C
- pH(50 g/l H_2O, 20 °C) 3 - 4

Safety - GHS

Signal Word: Danger

Hazard Statements:

H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H302+H332: Harmful if swallowed or if inhaled.
H351: Suspected of causing cancer.
H360: May damage fertility or the unborn child.
H372: Causes damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
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.
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: 5.1 OT2 II • UN 1469 • LEAD NITRATE
- IMDG: 5.1 II • UN 1469 • LEAD NITRATE
- IATA/ICAO: 5.1 II • UN 1469 • LEAD NITRATE
- PAX: 508
- CAO: 511