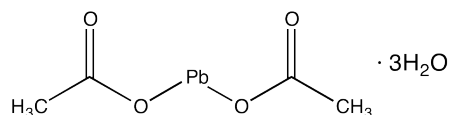


Lead(II) acetate trihydrate, EssentQ®
Identification

$\text{Pb}(\text{CH}_3\text{COO})_2 \cdot 3\text{H}_2\text{O}$
 $M = 379,34 \text{ g/mol}$
CAS [6080-56-4]
EC number: 206-104-4
Taric code: 2915 29 00


Synonyms

Acetic acid lead salt trihydrate

Applications

analytical chemistry, manufacture of dyes, stain for electron microscopy.

Specifications

assay (complexometric)..... 99,5 - 102 %
insoluble in CH_3COOH max. 0,005 %
chlorides (Cl)..... max. 0,002 %
copper (Cu)..... max. 0,001 %

iron (Fe)..... max. 0,001 %
silver (Ag)..... max. 0,001 %
zinc (Zn)..... max. 0,005 %
alkali and alkaline earth metals
..... max. 0,5 %

Physical data

- Appearance: transparent crystals, bright slightly pink
- Spec. Density: $2,55 \text{ g/cm}^3$
- Bulk density: $\sim 1200 \text{ kg/m}^3$
- Solub. in water: (20 °C): 410 g/l
- Melting point: 75 °C
- pH(50 g/l H_2O , 20 °C) 5,5 - 6,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

H360Df: May damage the unborn child. Suspected of damaging fertility.
H373: May cause 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.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
P308+P313: IF exposed or concerned: Get medical advice / attention.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T5 III • UN 1616 • LEAD ACETATE
- IMDG: 6.1 III • UN 1616 • LEAD ACETATE
- IATA/ICAO: 6.1 III • UN 1616 • LEAD ACETATE
- PAX: 619
- CAO: 619
- 10°C - 30°C