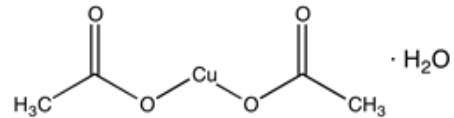


Copper(II) acetate monohydrate, EssentQ®

Identification

$\text{Cu}(\text{CH}_3\text{COO})_2 \cdot \text{H}_2\text{O}$
M = 199,65 g/mol
CAS [6046-93-1]
EC number: 205-553-3
Taric code: 2915 29 00

**Synonyms**

Cupric acetate

Applications

analytical chemistry, pigment (in porcelain industry), fungicide, spraying reagent in thin layer chromatography.

Specifications

assay (iodometric).....min. 99 %	sulfates (SO ₄).....max. 0,01 %
insoluble in water.....max. 0,02 %	iron (Fe).....max. 0,005 %
pH (5 %, H ₂ O).....5 - 6	lead (Pb).....max. 0,01 %
chlorides (Cl).....max. 0,01 %	nickel (Ni).....max. 0,02 %
	zinc (Zn).....max. 0,01 %

Physical data

- Appearance: crystals , turquoise
- Spec. Density: 1,88 g/cm³
- Bulk density: ~ 1100 kg/m³
- Solub. in water: (20 °C): 72 g/l
- Melting point: 115 °C
- Boiling point: 240 °C (decomposes)
- pH(50 g/l H₂O, 20 °C) ~ 5,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H400: Very toxic to aquatic life.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
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.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 CT2 II • UN 2923 • CORROSIVE SOLID, TOXIC, N.O.S. (Copper(II) acetate monohydrate)
- IMDG: 8 II • UN 2923 • CORROSIVE SOLID, TOXIC, N.O.S. (Copper(II) acetate monohydrate)
- IATA/ICAO: 8 II • UN 2923 • CORROSIVE SOLID, TOXIC, N.O.S. (Copper(II) acetate monohydrate)
- PAX: 814
- CAO: 816
- 10°C - 30°C