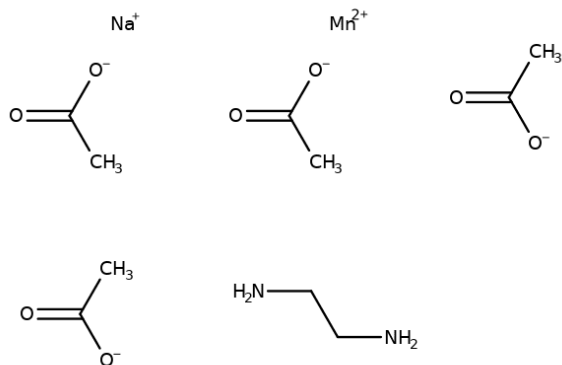


h1>Manganese acetate [6156-78-1]



CAS number: **6156-78-1**

Summary formula: **C₂H₃O₂)₂Mn*4H₂O**

Molar mass: **245,1g/mol**

Synonyms: **none**

Translation [ENG]: **Manganese acetate**

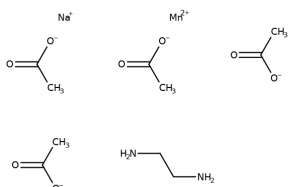
Application: Manganese acetate is used as a single-electron oxidant. Can oxidize alkenes by adding acetic acid to lactones.

VARIATIONS

Image

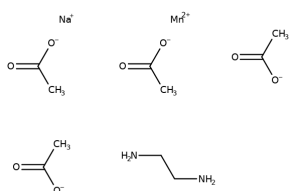
Price

Pack size



£114,00 gross | £92,68 netto

25 kg

Image
Price
Pack size


£3.040,00 gross | £2.471,54 netto

1000 kg

PRODUCT DESCRIPTION

Manganese acetate [6156-78-1]

Manganese acetate describes a family of materials with the approximate formula $Mn(O_2CCH_3)_3$.

These materials are brown solids soluble in acetic acid and water. They are used as oxidants in organic synthesis. Although the true manganese acetate is not known, the basic manganese acetate salts are well characterized. The manganese base acetate adopts a structure resembling that of basic chromium acetate and basic iron acetate.

The formula is $[Mn_3O(O_2CCH_3)_6Ln]X$, where L is the ligand and X is the anion.

Coordination polymer $[Mn_3O(O_2CCH_3)_6] \cdot 2C_2H_3O_2$ was crystallized.

Chemical formula $(C_2H_3O_2)_2Mn \cdot 4H_2O$

Molar mass 245.1

CAS number 6156-78-1

EC number 211-334-3

Application Chemical industry Characteristics Form: solid Color: pink - red

Smell: odorless, slight vinegar smell possible pH: not available

Melting point: 58 °C

Boiling point: no data available

Flash point: no data available

Autoignition temperature: no data available Explosion limits: no data available

Density: 1.589 g / cm³ (at 20 ° C).

Bulk density: no data available Solubility: - in water: soluble - in organic solvents: no data available

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)