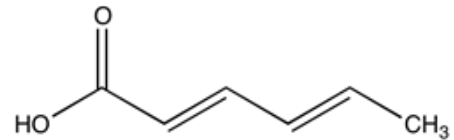


**Identification**

C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>  
M = 112,13 g/mol  
CAS [110-44-1]  
EC number: 203-768-7  
Taric code: 2916 19 30

**Synonyms**

2,4-Hexadienoic acid

**Applications**

laboratory reagent, synthesis of organic products, in food industry (E 200), preservative agent.

**Specifications**

assay (acidimetric)..... min. 99,5 %                      residue on ignition..... max. 0,01 %

**Physical data**

- Appearance: crystals , white
- Spec. Density: 1,2 g/cm<sup>3</sup>
- Bulk density: ~ 650 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 1,6 g/l
- Melting point: 132 - 135 °C
- Boiling point: ~ 228 °C (decomposes)
- Flash point: ~ 127 °C
- Vapour pressure: (20 °C) ~ 0,01 hPa
- pH(1,6 g/l H<sub>2</sub>O, 20 °C) ~ 3,3

**Safety - GHS**

Signal Word:                      Warning

**Hazard Statements:**

H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

**Precautionary Statements:**

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 15°C - 25°C