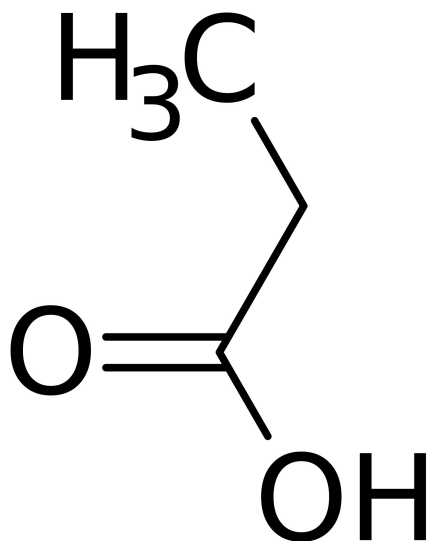


h1>Propionic acid 99% for the synthesis of  
[79-09-4]



CAS number: **79-09-4**

Summary formula: **C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>**

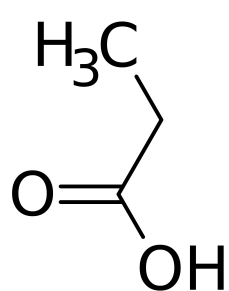
Molar mass: **74.08 g / mol**

Synonyms: **none**

Translation [ENG]: **Propionic acid**

Application: **Propionic acid is used for the production of propionates used as mold inhibitors and preservatives for grains and wood chips, for the production of fruit flavors and perfumes and bases as an esterifying agent.**

## VARIATIONS

Image	Price	Pack size
	£474,91 gross   £386,11 netto	25 L

## PRODUCT DESCRIPTION

### Propionic acid 99% for the synthesis of [79-09-4]

Propionic acid is used for the production of propionates used as mold inhibitors and preservatives for

grains and wood chips, for the production of fruit flavors and perfumes and bases as an esterifying agent.

Melting point: -24-23 ° C

Boiling point: 141 °

density: 0.993 g / ml at 25 ° C

vapor density: 2.55 (vs air)

vapor pressure: 2.4 mm Hg (20 ° C)

refractive index: n<sub>20</sub> / D 1.386

storage temperature: 0-6 ° C

Specific weight: 0.996 (20/4 °C)

PH: 2.5 (100 g / l, H<sub>2</sub>O, 20 °C)

Odor threshold: 0.0057 ppm

explosion limit: 2.1-12% (V)

Solubility in water: 37 g / 100 ml

Merck: 14.7825

### **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](#)