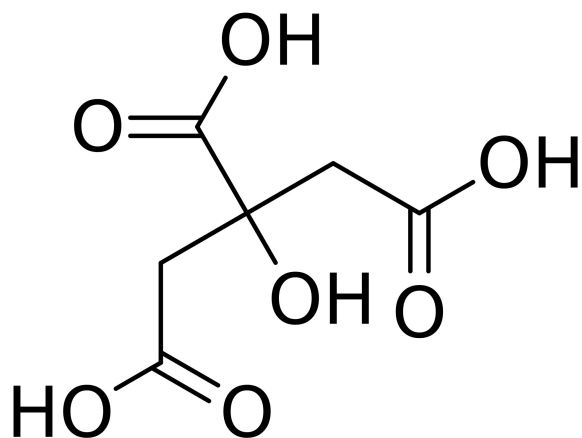




h1>Citric acid anhydrous [77-92-9]



CAS number: **77-92-9**

Summary formula: **C6H8O7**

Molar mass: **192.12 g / mol**

Synonyms: **acidum citricum monohydricum**

Translation [ENG]: **citric acid**

Application: **Used in the production of other organic chemicals and preparations, body care products, detergents, cleaning products and other household products; paper making; construction products, polymers and plastic products.**

VARIATIONS

Image	Price	Pack size
	£31,35 gross £25,49 netto	25 kg

PRODUCT DESCRIPTION

Citric acid anhydrous [77-92-9]

Citric acid used in the production of other organic chemicals and preparations, body care products, detergents, cleaning products and other household products; paper making; construction products, polymers and plastic products.

Form: solid

Appearance: colorless crystals or white powder

Odor: no smell

pH: 1.8 (25 ° C)

Melting point: about 153 ° C (decomposition)

Auto-ignition temperature: 345 ° C

Vapor pressure: <0.1 hPa (20 ° C)

Density: 1.665 g / cm³ (18 ° C)

Bulk weight: about 560 kg / m³

Solubility: easily soluble in water

Solubility in water: 592 g / l (20 ° C)

Partition coefficient n-octanol / water: approx. 1.7

Solubility: easily soluble in water

Application: buffer preparation, masking agent for some metals, citrate production, antioxidant, anticoagulant, pharmaceutical production

Hazard pictograms

Labels for 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 effects, 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](#)