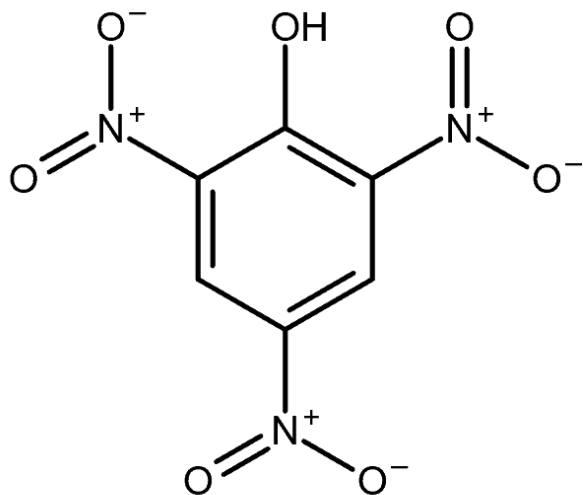


h1>Picric acid 99.8% AR [88-89-1]



CAS number: **88-89-1**

Summary formula: **C6H3N3O7**

Molar mass: **229.10 g / mol**

Synonyms: **2.4.6-trinitrophenol**

Translation [ENG]: **picric acid**

Application: **Picric acid and its metal salts are used as explosives. It is also used to make matches; electric batteries, colored glass; in copper etching; and for dyeing textiles. Explosives, matches; in the leather industry; electric batteries; copper etching; colored glass production; textile mortars; also as a reagent.**

VARIATIONS

Image	Price	Pack size
 <chem>[O-][N+](=O)c1cc(O)c([N+](=O)[O-])cc1[N+](=O)[O-]</chem>	£303,96 gross £247,12 netto	10 kg

Image	Price	Pack size
	£664,81 gross £540,50 netto	25 kg

PRODUCT DESCRIPTION

Picric acid 99.8% AR [88-89-1]

Picric acid and its metal salts are used as explosives. It is also used to make matches; electric batteries, colored glass; in copper etching; and for dyeing textiles. Explosives, matches; in the leather industry; electric batteries; copper etching; colored glass production; textile mortars; also as a reagent.

Melting point: 122-123 ° C (dried material, Lit. Merck Index, 12th edition) (lit.)

Boiling point: 300 °C

Density: 1.00 g / ml at 20 ° C

vapor density: 7.9 (compared to air)

vapor pressure: 1 mm Hg (195 ° C)

refractive index: 1.7630 (estimate)

Flash point: 150 °C

PH range: 0.2 (colorless) -1 (yellow)

explosion limit: 0.01%

λ_{max} : 354 nm

Merck: 13 7492

BRN: 423400

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](#)