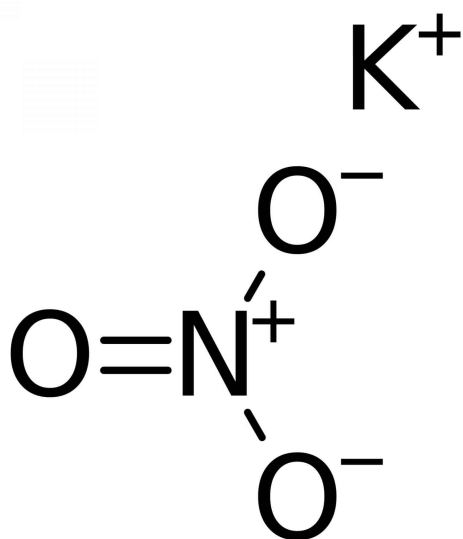


h1>Potassium nitrate 99% purified
[7757-79-1]



CAS number: **7757-79-1**

Summary formula: **KNO3**

Molar mass: **101.11 g / mol**

Synonyms: **potassium saltpeter, Indian saltpeter**

Translation [ENG]: **potassium nitrate**

Application: **Potassium nitrate is used as artificial fertilizer, potassium nitrate is an oxidant. For this reason, its main application was the production of black powder, currently used in pyrotechnics as an oxidant. Potassium nitrate mixed with sugar or powdered sugar is the basic fuel component (oxidant) in self-made pyrotechnic materials, also used as a meat preservative (E252).**

VARIATIONS

Image	Price	Pack size
	£127,30 gross £103,50 netto	25 kg

Image	Price	Pack size
	£266,00 gross £216,26 netto	50 kg

PRODUCT DESCRIPTION

Potassium nitrate 99% purified [7757-79-1]

Potassium nitrate is used as a fertilizer, potassium nitrate is an oxidant. For this reason, its main application was the production of black powder, currently used in pyrotechnics as an oxidant. Potassium nitrate mixed with sugar or powdered sugar is the basic fuel component (oxidant) in self-made pyrotechnic materials, also used as a meat preservative (E252).

Appearance white fine crystalline powder

Content (in dried preparation) min. 99.0%

Water max 0.2%

pH (5%, 20oC) 5.5 - 8

Water insoluble substances max. 0.005%

Nitrite (NO₂) max. 0.0005%

Chlorides (Cl) max. 0.001%

Phosphates (PO₄) max. 0.0003%

Iodines (JO₃) max. 0.0005%

Sulphates (SO₄) max. 0.003%

Ammonium compounds (NH₄) max. 0.005%

Zinc (Zn) max. 0.001%

Magnesium (Mg) max. 0.001%

Copper (Cu) max. 0.001%

Lead (Pb) max. 0.001%

Sodium (Na) max. 0.02%

Calcium (Ca) max. 0.002%

Iron (Fe) max. 0.0002%

[product specification](#)

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.
- corrosivity, the pictogram exclamation mark 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](#)