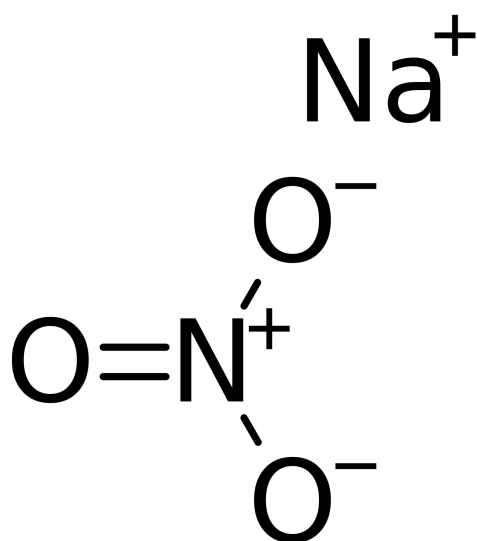


h1>Sodium nitrate 99.5% AR [7631-99-4]



CAS number: **7631-99-4**

Summary formula: **NaNO₃**

Molar mass: **84.99 g / mol**

Synonyms: **sodium nitrate**

Translation [ENG]: **sodium nitrate**

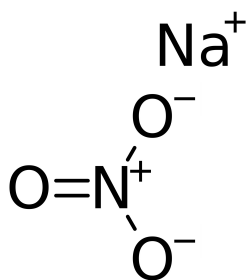
Application: **Sodium nitrate is used as a nitrogen fertilizer (contains 15.5% nitrogen). Used to obtain nitric acid, used as an oxidant in pyrotechnics. It is used in food and glass industry in the production of paints, enamels, medicines and explosives.**

VARIATIONS

Image

Price

Pack size



£73,15 gross | £59,47 netto

10 kg

Image	Price	Pack size
	£364,80 gross £296,59 netto	50 kg

PRODUCT DESCRIPTION

Sodium nitrate 99.5% AR [7631-99-4]

Sodium nitrate is used as a nitrogen fertilizer (contains 15.5% nitrogen). Used to obtain nitric acid, used as an oxidant in pyrotechnics. It is used in food and glass industry in the production of paints, enamels, medicines and explosives.

Appearance white, fine crystalline powder

Content (in dried preparation) min. 99.5%

Water insoluble substances max. 0.005%

pH (5%, 20°C) 5 - 7.5

Water max 1%

Nitrite (NO₂) max. 0.0002%

Chlorides (Cl) max. 0.0005%

Chlorates and perchlorates (Cl) max. 0.003%

Phosphates (PO₄) max. 0.0002%

Sulphates (SO₄) max. 0.003%

Ammonium salts (NH₄) max. 0.002%

Heavy metals (Pb) max. 0.0005%

Magnesium (Mg) max. 0.001%

Potassium (K) max. 0.005%

Calcium (Ca) max. 0.002%

Iron (Fe) max. 0.0002%

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](#)