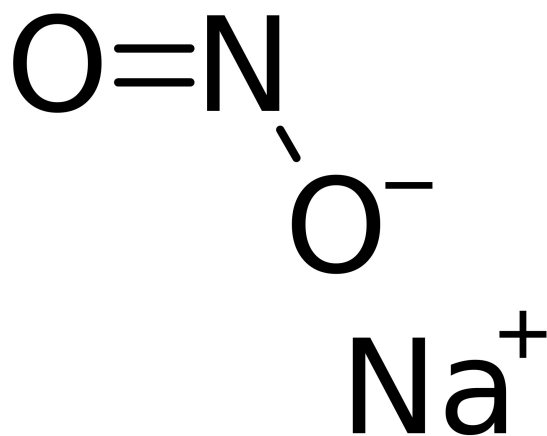


h1>Sodium nitrite 98% purified [7632-00-0]



CAS number: **7632-00-0**

Summary formula: **NaNO₂**

Molar mass: **69.00 g / mol**

Synonyms: **sodium nitrate**

Translation [ENG]: **sodium nitrite**

Application: **Sodium nitrite is used to create organic nitrous acid derivatives, dyes and as a food additive for curing meat. It prevents the growth of bacteria and strengthens the red-pink color of the meat. The characteristic color of cured meat is caused by the formation of NO radical in the preserved product. It reacts with myoglobin to form pink and red compounds.**

VARIATIONS

Image	Price	Pack size
$\text{O}=\text{N}-\text{O}^{-}\text{Na}^{+}$	£152,00 gross £123,58 netto	25 kg

Image	Price	Pack size
$\begin{array}{c} \text{O}=\text{N} \\ \diagdown \\ \text{O}^- \\ \text{Na}^+ \end{array}$	£361,00 gross £293,50 netto	50 kg

PRODUCT DESCRIPTION

Sodium nitrite 98% purified [7632-00-0]

Sodium nitrite is used to form organic nitrous acid derivatives, dyes and as a food additive for curing meat. It prevents the growth of bacteria and strengthens the red-pink color of the meat. The characteristic color of cured meat is caused by the formation of NO radical in the preserved product. It reacts with myoglobin to form pink and red compounds.

Appearance slightly yellowish, hygroscopic crystals

Content 98.0%

Water insoluble substances max. 0.005%

Chlorides (Cl) max. 0.01%

Sulphates (SO₄) max. 0.015%

Heavy metals (Pb) max. 0.0005%

Potassium (K) max. 0.005%

Iron (Fe) max. 0.001%

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](#)