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# Sodium Nitrate commercial

GOST 828-77

White clear crystals of yellowish - greyish tint

Properties	Grade A	Grade B
Sodium nitrate (NaNO <sub>3</sub> ) content on dry basis, %, min	99.8	99.5
Moisture content, %, max	0.5	0.5
Insolubles, %, max	0.03	0.03
Chlorides, in terms of NaCl, %, max	0.15	0.3
Oxidizable agents, in terms of NaNO <sub>2</sub> , %, max	0.01	0.2
Iron, in terms of Fe <sub>2</sub> O <sub>3</sub> , max	0.001	Non-standardized
Chrome in terms of Cr <sub>2</sub> O <sub>3</sub> , %, max	0.0001	Non-standardized

Note: The product absorbs moisture from the air. As a result of this it can very rapidly cake and thus harden under adverse conditions.

## Application:

- Used in chemical, glass, metallurgic and other industries
- As a component in commercial explosives production
- Sodium nitrate (grade A) is used in fluxes production for soldering and welding, for reagents production, pyrotechnic mixtures, optical and crystal glass production. In manufacturing where mixtures of oxidisable agents in terms of NaNO<sub>2</sub> are strictly limited
- Sodium nitrate (grade B) is used for pickling, alloying of wolfram pieces, brightening of technical glasses

## Classification:

- Classification Code: 5.1 (Oxidizing Agent)
- UN No: 1498

## Packing:

- 50 kg polypropylene/polyethylene bags

Unlimited shelf life