

Sodium Nitrite (CAS 7632-00-0) Market Research Report 2025

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Abstracts

Sodium Nitrite (CAS 7632-00-0) Market Research Report 2025 presents comprehensive data on Sodium Nitrite markets globally and regionally (Europe, Asia, North America etc.)

The report includes Sodium Nitrite description, covers its application areas and related patterns. It overviews Sodium Nitrite market, names Sodium Nitrite producers and indicates its suppliers.

Besides, the report provides Sodium Nitrite prices in regional markets.

In addition to the above the report determines Sodium Nitrite consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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capacities and production

consumption volume and structure

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existing technologies

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market news digest

market forecast.

Sodium Nitrite (CAS 7632-00-0) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Sodium Nitrite (CAS 7632-00-0) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name:	Sodium Nitrite
Synonyms:	Nitrous acid, sodium salt Industrial Sodium Nitrite for Industrial use Sodium nitrite
CAS#:	7632-00-0
Formula:	NNaO_2
Molecular Weight:	69
Appearance:	Light yellow or white crystals, granules, or powder, hygroscopic.
Usage:	Component of heat-transfer salts, chemical in metal treatment & finishing operations, component of detinning solution & multipurpose greases, agent for recovery of tin from scrap.

Sodium nitrite (sodium nitrite solution; filmerine; nitrite; erinitrit, etc.) is a chemical compound with the molecular formula NNaO_2 and molecular weight 68.99. The product is an odorless, white to off-white solid with a slightly salty taste. Sodium nitrite has a melting point of 271 °C and a boiling point of 320 °C. It is soluble in water, moderately soluble in methanol, diethyl ether and ethanol.

The product is widely used in the manufacturing of organonitrogen compounds. Sodium nitrite also finds its application in medicine to treat cyanide poisoning, heart and lung problems, heart attacks, brain aneurysms, etc. The product is employed in the food industry as a stabilizer and additive. It preserves meat from encountering botulism as it inhibits microbial growth. Besides, the product is used as a dyeing and bleaching agent. Sodium nitrite can be found in anti-freeze fluids, lubricants, industrial cleaners.

Sodium nitrite can cause eye irritation, conjunctivitis or permanent corneal opacification. Ingestion of the product may lead to cyanosis, convulsions, methemoglobinemia, loss of reflexes, decrease in blood pressure, etc. Acute pulmonary edema, upper airway

obstruction, tachycardia, etc. are the health effects caused by inhalation of sodium nitrite. It can produce reproductive and fetal effects.

Sodium nitrite market is covered in the study Sodium Nitrite (CAS 7632-00-0) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks sodium nitrite market situation, names manufacturers, suppliers as well as users. The report also provides current sodium nitrite prices in the market.

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