

# Sodium Nitrate (CAS 7631-99-4) Market Research Report 2024

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## Abstracts

Sodium Nitrate (CAS 7631-99-4) Market Research Report 2024 presents comprehensive data on Sodium nitrate markets globally and regionally (Europe, Asia, North America etc.)

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

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

In addition to the above the report determines Sodium nitrate 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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Sodium Nitrate (CAS 7631-99-4) Market Research Report 2024 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).

## Contents

### **1. SODIUM NITRATE (CAS 7631-99-4)**

- 1.1. General information, synonyms
- 1.2. Composition, chemical structure
- 1.3. Safety information
- 1.4. Hazards identification
- 1.5. Handling and storage
- 1.6. Toxicological & ecological information
- 1.7. Transport information

### **2. SODIUM NITRATE APPLICATIONS**

- 2.1. Sodium nitrate application spheres, downstream products

### **3. SODIUM NITRATE MANUFACTURING METHODS**

### **4. SODIUM NITRATE PATENTS**

- Abstract
- Description
- Summary of the invention
- Detailed description of the invention

### **5. SODIUM NITRATE MARKET WORLDWIDE**

- 5.1. General Sodium nitrate market situation, trends
- 5.2. Manufacturers of Sodium nitrate
  - Europe
  - Asia
  - North America
  - Other regions
- 5.3. Sodium nitrate suppliers (importers, local distributors)
  - Europe
  - Asia
  - North America
  - Other regions

#### 5.4. Sodium nitrate market forecast

### **6. SODIUM NITRATE MARKET PRICES**

#### 6.1. Sodium nitrate prices in Europe

#### 6.2. Sodium nitrate prices in Asia

#### 6.3. Sodium nitrate prices in North America

#### 6.4. Sodium nitrate prices in other regions

### **7. SODIUM NITRATE END-USE SECTOR**

#### 7.1. Sodium nitrate market by application sphere

#### 7.2. Sodium nitrate downstream markets trends and prospects

\*Please note that Sodium Nitrate (CAS 7631-99-4) Market Research Report 2024 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 nitrate
Synonyms:	Chile saltpeter
	Cubic niter
	Soda niter
	Compound MILITARY Grade
	Sodium Nitrate for Industrial use
	Sodium Nitrate ACS Crystals
	Industrial Sodium Nitrate
	Sodium nitrate
CAS#:	7631-99-4
Formula:	$\text{NNaO}_3$
Molecular Weight:	84.99
Appearance:	Odorless, colorless, transparent crystals, white granules or powder, hygroscopic, deliquescent.
Usage:	Manufacture enamels for pottery, nitric acid, sodium nitrite, in matches, catalyst in manufacture sulfuric acid, pickling meats.

Sodium nitrate (Chile saltpeter, sodium salt, soda niter, sodium saltpeter, Nitrate, etc.) refers to a chemical compound with the molecular formula  $\text{NNaO}_3$  and molecular weight 84.99. The product is a colorless, odorless solid with a saline, bitter taste. Sodium nitrate easily dissolves in water, ammonia and alcohol. Boiling point of sodium nitrate is 380 °C. Industrially, sodium nitrate is prepared by the reaction between nitric acid and  $\text{Na}_2\text{CO}_3$  solutions, and by the reaction of ammonium nitrate and sodium hydroxide.

Sodium nitrate is widely used in various substances such as enamels, rocket fuel,

fertilizers, explosives. Sodium nitrate, due to its antimicrobial properties, is utilized in food products. The compound inhibits the poisoning of food and adds meat a red color. Sodium nitrate can be found in pesticide gas cartridges, fireworks, fertilizers. Being the first listed ingredient in fertilizers, the product raises the level of nitrogen in the soil and inhibits soil erosion. Moreover, sodium nitrate is found in the manufacture of chemically strengthened glass, nitric acid. Sodium nitrate is also utilized to treat wastewater.

The product causes irritation and damage of eyes and skin. In some persons, the product can cause even inflammation of skin and dermatitis. Ingestion of sodium nitrate may lead to severe impact on the health of an individual. Dizziness, headaches, nausea, weakness, confusion, tachycardia, dyspnea are amid the common symptoms after the ingestion of the product. Inhalation of sodium nitrate may produce the irritation of the respiratory tract with further possible damage of lungs. Prolonged contact with the product causes airway system diseases. Moreover, sodium nitrate is potentially a mutagenic product.

Sodium nitrate market is covered in the study Sodium nitrate (CAS 7631-99-4) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks Sodium nitrate market situation, names manufacturers, suppliers as well as users. The report also provides current Sodium nitrate prices in the market.

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