

SODIUM NITRITE



CAS Number: 7632-00-0

Other Names: Nitrous acid, sodium salt; Erinitrit; Filmerine

Formula: NaNO_2 or NNaO_2

PRODUCT INTRODUCTION

Sodium nitrite is an inorganic sodium salt having nitrite as the counter ion. Sodium nitrite appears as a fine white crystalline solid. It is very soluble in water and is hygroscopic in nature.

PHYSICAL AND CHEMICAL PROPERTIES

Sodium Nitrite	99.02 %
Moisture	1.18 %
Sodium Nitrate	0.68 %
Chloride (as NaCl)	0.43 %
Water Insoluble	0.02 %
Content of Iron	-
Appearance	White Fine Crystal

APPLICATIONS

- Large amounts of sodium nitrite are consumed in the chemical and pharmaceutical industries for the production of nitroso and isonitroso compounds, diazotization reactions (especially for dyes), and the synthesis of pharmaceuticals (e.g., caffeine) and agricultural pesticides (e.g., pyramin).
- Sodium nitrite is an efficient drug in case of cyanide poisoning.
- It is responsible for the desirable red color (or shaded pink) of meat.
- It is also able to effectively delay the development of oxidative rancidity.

PACKAGING OPTIONS

Drums

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