



Product Specification

Product Name: SODIUM NITRITE AR

Alternate Name(s)

Description

Hygroscopic solid. Oxidises on exposure to air.

Properties

Chemical Formula: NaNO_2

Molecular Weight: 69.00

Product Code: SA002

CAS No.: 7632-00-0

General Information:

Mixtures with combustible material are readily ignited and may burn fiercely.
Mixtures with ammonium salts or cyanides may explode.

Hazard and Safety Data

UN Group: III
Class: 5.1
UN Number: 1500
Hazchem code: 1Z
CS MSDS Code: 1CHA1
Poison schedule: S7
Emergency
Procedure Guide No.: 31

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

pH Value (50 g/l, H ₂ O)	~ 9
Solubility in Water (@ 20°C)	820 g/L
Melting Point	271°C (decomposes)
Insoluble matter	0.01%
Chloride (Cl)	0.005%
Sulfate (SO ₄)	0.01%
Heavy metals (as Pb)	0.001%
Calcium (Ca)	0.01%
Iron (Fe)	0.001%
Potassium (K)	0.005%

CONFORMS TO ACS

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