

SODIUM NITRITE

Sodu azotyn

NaNO₂

M = 69,00 g/mol

CAS: 7632-00-0

WE: 231-555-9



H: 272, 301, 400
P: 273, 309, 310
RID/ADR: 5.1, III

UN: 1500



Physical and chemical properties:

Character:	solid	Explosion limits:	not applicable
Colour:	white or yellow	Vapour pressure:	not applicable
Odor:	odorless	Density:	approx 2,15 g/cm ³ (w 20°C)
pH:	approx 9 (50 g/l H ₂ O 20°C)	Bulk density:	approx 1 050-1 300 kg/m ³
Melting point:	271°C	Solubility:	
Boiling point:	320°C	in water:	450g/l (20°C)
Auto-ignition temperature:	not applicable	in organic solvents: DMSO, acetone, ethanol	
Ignition temperature:	not applicable	log P _{OW} :	-3,7

Sodium nitrite pure

CHEM*427926906

50 g	100 g	Assay	min. 98,0 %
250 g	500 g	Substances insoluble in water	max. 0,01 %
1 kg	2 kg	Chlorides (Cl)	max. 0,02 %
5 kg	10 kg	Sulfates (SO ₄)	max. 0,03 %
15 kg	25 kg	Heavy metals (as Pb)	max. 0,001 %
		Potassium (K)	max. 0,01 %
		Iron (Fe)	max. 0,002 %

Sodium nitrite pure p. a.

CHEM*117926907

10 g	25 g	Assay	min. 98,0 %
50 g	100 g	Substances insoluble in water	max. 0,005 %
250 g	500 g	Chlorides (Cl)	max. 0,01 %
1 kg	2 kg	Sulfates (SO ₄)	max. 0,015 %
5 kg	10 kg	Heavy metals (as Pb)	max. 0,0005 %
		Potassium (K)	max. 0,005 %
		Iron (Fe)	max. 0,001 %