sodium nitrite

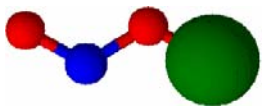
cas 7632-00-0

S252800	Gold Line
Typical analysis	
Assay	98.5%
Chloride (Cl)	0.1%
Lead (Pb)	0.01%
Loss on drying (in vacuum)	0.3%
Sulphate (SO_4)	0.05%
Water-insoluble matter	0.05%

Packaging
500g white plastic jar

S258100	Platinum Line
Warranty certificate	
Assay (on dry substance)	99 - 101°C
Arsenic (As)	0.0002%
Calcium (Ca)	0.005%
Chloride (Cl)	0.005%
Lead (Pb)	0.001%
Loss on drying (in vacuum)	0.25%
Sulphate (SO_4)	0.01%

Packaging
500g white plastic jar



Physical properties, composition and data

Chemical formula	$NaNO_2$ or $NNaO_2$
Synonym	Erinitrit; Nitrous acid sodium salt
Chemical group	Nitrites
Atomic weight	69.00
Appearance	White or slightly yellowish, granules, rods, pellets or powder
Solubility	Soluble in water
Melting point	271°C
Boiling point	Decomposes at 320°C
Density (g/ml)	2.168
pH (aqueous solution)	9
Incompatible substances	Acetanilide, antipyrine, chlorates, hypophosphites, iodides, mercury salts, permanganate, sulphites, tannic acid, vegetable astringent decoctions, infusions or tinctures
Other information	Hygroscopic. Deteriorates by natural causes
Hazardous material	Oxidizer and toxic

Laboratory preparation, applications and practices

Usage	Analytical, synthesis and diazotisation reagent

Storage and handling information

Storage	Keep container tightly closed in an isolated place separated from combustible substances, reducing agents and strong acids
Safety phrases	45-61
Risk phrases	8-25-50
Disposal methods	22
Caution	Dangerous fire and explosion risk when heated to 537°C or in contact with reducing materials. Carcinogenic

Transport regulations

Tariff code	2834.10.00
Hazardous class	5.1
Packing group	III
Secondary risk	6.1
UN number	1500
ERG number	140
ECB number	231-555-9