

**CHEMTRADE**<http://www.chemtradelogistics.com>

## Sodium Nitrite, High Purity Special Granular

### PRODUCT DATA SHEET

#### CHARACTERISTICS

Sodium Nitrite, High Purity Special Granular is a pale straw-colored dry product.

#### TYPICAL PROPERTIES

Formula:	Sodium Nitrite	
C.A.S.	7632-00-0 (Sodium nitrite)	
Bulk Density, lbs./cu. ft.	76.9 - 80.5	
Granulation: Through	40 mesh screen, %	75
	50 mesh screen, %	34
	70 mesh screen, %	15
	100 mesh screen, %	5.5
Assay as NaNO <sub>2</sub> , %	98.3 (min)	
Loss on Drying, %	0.25 (max)	
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> ), %	0.3 - 0.6	

#### PRODUCT USES

Chemical and dye source of nitrous acid. Corrosion inhibitor in antifreeze, paints, oil tanks and pipelines. Oxidizing agent and depolarizer in detinning. Phosphate coatings. Gold plating baths. Heat transfer salt. Polymer inhibitor for synthetic rubber. Nitrous acid source for accelerators, retarders and antioxidants / antiozonants. Foam rubber blowing agent.

#### SHIPPING CONTAINER

2000 lb. Super Sack mini-bulk bag

400 lb. fiber drum

50 lb. poly bag

#### SHIPPING REGULATIONS (US DOT / TDG)

Classification: Sodium Nitrite

Hazard Classes: 5.1 (6.1)

ID Number: UN1500

Packing Group: III

The EPA reportable quantity (RQ) for sodium nitrite is 100 lbs.

#### PRODUCT SAFETY INFORMATION

Wash hands, forearms and exposed areas thoroughly after handling. Wear protective gloves, protective clothing, and eye protection. Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Safety Data Sheets (SDS)** for these products or you may contact Chemtrade at 416-496-5856. In the event of an emergency with these products, call the 24 hour **Emergency Number: USA (CHEMTREC) 800-424-9300** or **Canada (CANUTEC) 613-996-6666**. For additional information contact:

Syracuse Technical Center  
315-478-2323 or 800-255-7589

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CHE-2020P-3

Revision Date: March 20, 2019

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