



Sodium Nitrite, Granular Super Free-Flowing Technical Grade

PRODUCT DATA SHEET

CHARACTERISTICS

Sodium Nitrite, Granular Super Free-Flowing Technical Grade is a pale straw-colored dry granular product.

TYPICAL PROPERTIES

Formula:	Sodium Nitrite Mixture		
C.A.S.	7632-00-0 (Sodium nitrite)		
	Bulk Density, lbs./cu. ft.	76.9 - 80.5	
	Granulation: Through 40 mesh screen, %	75	
	Through 50 mesh screen, %	34	
	Through 70 mesh screen, %	15	
	Through 100 mesh screen, %	5.5	
	Assay as NaNO ₂ , %	98 (approx.)	
	Loss on Drying, %	0.3	
	Sodium Carbonate (Na ₂ CO ₃), %	0.2	
	Anti-Caking Agent, %	0.05 - 1.0	

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. Wastewater treatment odor control and bacteria activity inhibitor.

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 Mixture

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

Select Specialties – Sales
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