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
	Through 50 mesh screen, %	34
	Through 70 mesh screen, %	15
	Through 100 mesh screen, %	5.5
	Assay as $NaNO_2$, %	98.3 (min)
	Loss on Drying, %	0.25 (max)
	Sodium Carbonate (Na_2CO_3), %	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

DOT Classification: Sodium Nitrite
Hazard Class: 5.1 DOT ID Number: UN 1500 Packing Group: III

PRODUCT SAFETY INFORMATION

Sodium Nitrite, High Purity Special Granular may cause irritation to the skin, eyes and respiratory tract. Avoid contact with skin, eyes and clothing. 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 **Material Safety Data Sheets (MSDS)** for these products or you may contact General Chemical Technical Service. 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
(800) 255-7589 Outside NY

Water Chemicals Group
(973) 515-0900
(800) 631-8050 Customer Service

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