

Used to comply with OSHA's Hazard
Communication Standard, 29 CFR 1910.1200

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South Gate, California 90280

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Section I

Section II – Hazardous Ingredients Identity Information

HIMS - F-0, H-1, R-0, S-0

Boiling Point	not applicable	N/A	Specific Gravity ($H_2O = 1$)	not available	N/A
Vapor Pressure (mm Hg.)	not applicable	N/A	Melting Point	not available	N/A
Vapor Density (AIR = 1)	not applicable	N/A	Evaporation Rate (Butyl Acetate = 1)	not applicable	N/A
Solubility in Water			Slightly		
Appearance and Odor			White, odorless powder		

Flash Point (method used)	not flammable	Flammable Limits unknown	LEL N/A	UEL N/A
Extinguishing Media	not applicable			
Special Fire Fighting Procedures	not applicable			

Sodium nitrite is an oxidizing agent; it can supply oxygen to accelerate or stimulate a fire. In this mixture, it is difficult to perceive it as a fire hazard.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	High temperatures over 575° F
	Stable	x		

Incompatibility (materials to avoid)

Reacts with acid

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Routes of Entry:	Inhalation?	primary	Skin?	n/a	Ingestion?	primary
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Health Hazards
(acute and chronic)ACUTE: aggravation of lung disorders such as emphysema and bronchitis.
CHRONIC: industrial bronchitis.

Carcinogenicity:	NTP?	no	IARC monographs?	no	OSHA regulated?	no
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Signs & Symptoms
of Exposure

Irritation of respiratory system. Coughing.

Medical Conditions
Generally Aggravated
by Exposure

Lung disorders

Emergency & First
Aid Procedures**Eye contact:** Flush with water and consult a physician. **Ingestion:** If conscious; give two glasses of water, induce vomiting.
Skin: Wash with soap and water. **Inhalation:** Remove to fresh air; if breathing difficult, give oxygen and call physician.**Section VII — Precautions for Safe Handling and Use**Steps to be taken if
material is released
or spilled

Vacuum or sweep dust; place in approved container.

Waste Disposal
Method

Any disposal procedure that is in conformance with pertinent Federal, State or local regulations.

Storing & Handling
Precautions

Store in tightly closed containers; away from heat, acids and combustibles.

Other Precautions

Section VIII — Control Measures

Specific Respiratory Protection	NIOSH approved dust respirators for exposure to potentially high dust environments.		
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Ventilation	Local Exhaust	recommended	Special
	Mechanical (general)		Other

Protective Gloves	standard work gloves	Eye Protection	safety glasses
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Other Protective Clothing/Equipment	None normally required.		
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Work/Hygenic Practices	Avoid breathing dust. Keep area free of dust.		
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