

POLY RESEARCH CORPORATION -- SODIUM NITRITE -- 6810-01-265-2559

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Product Identification
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Product ID:SODIUM NITRITE

MSDS Date:05/15/1990

FSC:6810

NIIN:01-265-2559

MSDS Number: BJSJS

=== Responsible Party ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:516-758-0460

Emergency Phone Num:516-758-0460

Preparer

's Name:JOSEPH MARX

CAGE:64713

=== Contractor Identification ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

Box:City:HOLTSVILLE

State:NY

ZIP:11742-2007

Country:US

Phone:516-758-0460

CAGE:64713

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Composition/Information on Ingredients
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Ingred Name:SODIUM NITRITE (SARA III)

CAS:7632-00-0

RTECS #:RA1225000

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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Hazards Identification
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LD50 LC50 Mixture:LD50:(ORAL)

171 MG/KG (RAT)

Routes of Entry: Inhalation: YES Skin: NO Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: AS LITTLE AS 1 GM MAY BE FATAL IN HUMANS. MAY CAUSE EYE IRRITATION .

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure: NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure: VASODILATOR, HEADACHES, COLLAPSE, DEATH.

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===== First Aid Measures =====

First Aid: SKIN & E

YES: WASH WITH WATER FOR AT LEAST 15 MINUTES. INGEST:

INDUCE VOMITING AND CALL MD. INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O₂/ARTF RESP) .

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===== Fire Fighting Measures =====

Extinguishing Media: WATER OR CO₂. DO NOT USE SODA-ACID EXTINGUISHERS.

Fire Fighting Procedures: NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard: CAUSES COMBUSTIBLE MATERIAL TO BURN MORE RAPIDLY AND MAKES IT MORE DIFFICULT T

O EXTINGUISH FIRES.

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===== Accidental Release Measures =====

Spill Release Procedures: SWEEP UP SPILLS AND DISPOSE OF IN AN ENVIRONMENTALLY SOUND MANNER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions: AVOID SPILLING, AND CONTACT WITH ACIDS.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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===== Exposure Controls/Personal Protection =====

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Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: IMPERVIOUS GLOVES .

Eye Protection: CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH HANDS THOROUGHLY AND FREQUENTLY DURING CONTACT WITH MATERIAL AND AT END OF WORK SHIFT .

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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===== Physical/Che

Physical Properties =====

HCC:D1

Decomp Temp:Decomp Text:608F,320C

Solubility in Water:46% BY WT.

Appearance and Odor:SLIGHTLY YELLOW, HYGROSCOPIC GRANULES

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NITROUS OXIDE, NITROUS ACID.

===== Disposal Considerations =====

Waste Disposal Methods:IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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