

## Material Safety Data Sheet

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Version 1.1

According to 91/155/EEC

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1 - Product and Company Information

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Product Name SODIUM PYRROLIDINEDITHIOCARBAMATE  
Product Number 71935

Company Sigma-Aldrich Pty. Ltd.  
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2 - Composition/Information on Ingredients

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Product Name	CAS #	EC no	Annex I Index Number
PYRROLIDINE-1-DITHIOCARBONIC ACID SODIUMSALT-2-HYDRATE MIN. 99%	872-71-9	212-831-8	None

Formula C5H9NS2.Na

Molecular Weight 169.2 AMU

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3 - Hazards Identification

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4 - First Aid Measures

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5 - Fire Fighting Measures

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## EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

## SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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6 - Accidental Release Measures

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## METHODS FOR CLEANING UP

Avoid raising dust. Place in appropriate container. Flush spill area with copious amounts of water.

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7 - Handling and Storage

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8 - Exposure Controls / Personal Protection

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PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Wear dust mask.  
Hand Protection: Compatible chemical-resistant gloves.  
Eye Protection: Chemical safety goggles.

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## 9 - Physical and Chemical Properties

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Appearance	Color: Faintly yellow Form: Powder	
Property	Value	At Temperature or Pressure
pH	N/A	
BP/BP Range	N/A	
MP/MP Range	N/A	
Flash Point	N/A	
Flammability	N/A	
Autoignition Temp	N/A	
Oxidizing Properties	N/A	
Explosive Properties	N/A	
Explosion Limits	N/A	
Vapor Pressure	N/A	
SG/Density	N/A	
Partition Coefficient	N/A	
Viscosity	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
Evaporation Rate	N/A	
Bulk Density	N/A	
Decomposition Temp.	N/A	
Solvent Content	N/A	
Water Content	N/A	
Surface Tension	N/A	
Conductivity	N/A	
Miscellaneous Data	N/A	
Solubility	N/A	

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## 10 - Stability and Reactivity

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### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: When heated to decomposition it may emit:.

### HAZARDOUS EXOTHERMIC REACTIONS

Hazardous Exothermic Reactions: Will not occur

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## 11 - Toxicological Information

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## 12 - Ecological Information

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No data available.

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## 13 - Disposal Considerations

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### SUBSTANCE DISPOSAL

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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## 14 - Transport Information

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RID/ADR

UN#: 2811  
Class: 6.1  
PG: I

Proper Shipping Name: Toxic solid, organic, n.o.s.

IMDG

UN#: 2811  
Class: 6.1  
PG: I

Proper Shipping Name: Toxic solid, organic, n.o.s.

Marine Pollutant: No

Severe Marine Pollutant: No

Technical Name: Required

IATA

UN#: 2811  
Class: 6.1  
PG: I

Proper Shipping Name: Toxic solid, organic, n.o.s.

Inhalation Packing Group I: No

Technical Name: Required

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15 - Regulatory Information

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CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

S-PHRASES: 22-24/25

Do not breathe dust. Avoid contact with skin and eyes.

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16 - Other Information

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WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2005 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

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