



# SAFETY DATA SHEET

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## SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Sulfosuccinimidyl-2-(m-azido-o-nitrobenzamido)-ethyl-1,3'- dithiopropionate**

PRODUCT NUMBER: PA111

SYNONYMS: Sulfo SAND

### MANUFACTURER:

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## SECTION 2 HAZARDS IDENTIFICATION

### CLASSIFICATION OF SUBSTANCE OR MIXTURE

Not a hazardous substance or mixture according to GHS.

### HMIS CLASSIFICATION:

Health: 0 Fire: 0 Reactivity Hazard: 0

### NFPA RATING:

Health: 0 Flammability: 0 Reactivity Hazard: 0

**EYE CONTACT:** Causes eye irritation.

**SKIN CONTACT:** May be irritating to the skin.

**INHALATION:** May cause respiratory tract irritation.

**INGESTION:** May be harmful if swallowed.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula:  $C_{16}H_{15}N_6O_{10}S_3Na$

Molecular Weight: 570.52

CHEMICAL NAME	CAS#	%
Sulfosuccinimidyl-2-(m-azido-o-nitrobenzamido)-ethyl-1,3'- dithiopropionate	-	100

## SECTION 4 FIRST AID MEASURES

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 15 minutes. Seek medical attention.

**SKIN EXPOSURE:** Immediately wash with soap and plenty of water. Seek medical attention.

**INHALATION:** Remove to fresh air and keep at rest. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**INGESTION:** Wash out mouth with water (if conscious). Seek medical attention.

## SECTION 5 FIREFIGHTING MEASURES

**FLASH POINT:** Not applicable

**AUTO IGNITION TEMPERATURE:** Not available

**EXPLOSION LIMITS:** Not available

**EXTINGUISHING MEDIUM:** Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** Nitrogen oxides, sodium oxides, sulfur oxides, and carbon oxides.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Wear all appropriate equipment when using this material. Ensure adequate ventilation. Avoid the formation of dust. Avoid breathing vapors, mist, gas, or dust.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spillage from entering drains or allowing to be released into the environment.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Sweep up and place in suitable container for proper disposal.

## SECTION 7 HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid formation of dusts and aerosols.

**CONDITIONS FOR SAFE STORAGE:** Store in cool, dry, and well-ventilated area. Keep away from incompatible materials. Moisture and Light sensitive. Store in a refrigerator for protection of the material.

## SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EXPOSURE CONTROLS:** Contains no substances with occupational exposure limit values.

**EYE PROTECTION:** Wear chemical safety glasses or goggles and face shield.

**SKIN PROTECTION:** Wear nitrile or rubber gloves, and a complete suit protecting against chemicals.

**VENTILATION:** Provide local exhaust, preferably mechanical.

**RESPIRATOR:** Use an approved respirator.

**ADDITIONAL PROTECTION:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**COLOR AND FORM:** Pale yellow to yellow powder

**ODOR:** None

**MOLECULAR WEIGHT:** 570.52

**BOILING POINT:** No data available

**MELTING POINT:** No data available

**SPECIFIC GRAVITY:** No data available

**SOLUBILITY:** Soluble

## SECTION 10 STABILITY AND REACTIVITY

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Moisture and light sensitive

**INCOMPATIBILITY:** Moisture, light, and organic material.

**DECOMPOSITION PRODUCTS:** Nitrogen oxides, sodium oxides, sulfur oxides, and carbon oxides.

## SECTION 11 TOXICOLOGICAL DATA

**ACUTE TOXICITY:** Not available

**CARCINOGENIC EFFECTS:** No components of this product present at levels greater than or equal to 0.1% is identified a carcinogen.

**MUTAGENIC EFFECTS:** Not available

**TETRATOGENIC EFFECTS:** Not available

**CHRONIC TOXICITY:** Not available

**RTECS:** No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

## SECTION 12 ECOLOGICAL DATA

No information available

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

## SECTION 14 TRANSPORTATION DATA

Not a dangerous good

## SECTION 15 REGULATORY INFORMATION

**SARA 302/304:** Not Listed

**SARA 311/312:** Not Listed

**SARA (TITLE 313):** Not Listed

**CALIFORNIA PROP. 65:** Not Listed

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS:** No components are subject to the Massachusetts Right to Know Act.

**NEW JERSEY RIGHT TO KNOW COMPONENTS:** No components are subject to the New Jersey Right to Know Act.

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS:** No components are subject to the Pennsylvania Right to Know Act.

## SECTION 16 OTHER INFORMATION

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SDS DEPT.