

SAFETY DATA SHEET

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SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **NHS LC SPDP**

PRODUCT NO: CL208

CAS NUMBER: 158913-22-5

SYNONYMS: Succinimidyl 6-[3'-(2pyridyldithio) Propronamido] Hexanoate

MANUFACTURER:

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SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Serious eye damage / eye irritation.	Category - 2B
Skin corrosion / irritation.	Category - 2
Specific target organ toxicity, single exposure; Respiratory tract irritation.	Category - 3

Not a dangerous substance according to the GHS

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: $C_{18}H_{23}N_3O_5S_2$

Molecular Weight: 425.50

CHEMICAL NAME	CAS#	%
Succinimidyl 6-[3'-(2pyridyldithio) Propronamido] Hexanoate	158913-22-5	98-100

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: Product is not flammable
AUTO IGNITION TEMPERATURE: None
EXPLOSION LIMITS: None
EXTINGUISHING MEDIUM: This product does not present an explosion hazard.
SPECIAL FIRE FIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.
HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Carbon oxides, nitrogen oxides, and sulfur oxides.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid dust formation. Avoid breathing dust.
ENVIRONMENTAL PRECAUTIONS: Do not let enter drains.
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: Ensure adequate ventilation. Wear personal protective equipment.
CONDITIONS FOR SAFE STORAGE: Store material in a tightly sealed container away from moisture. Store between temperatures 2-8° C.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION: Always wear approved safety glasses with side shields, safety goggles, or face shield when handling a chemical substance in the laboratory.
SKIN PROTECTION: Chemical resistant gloves.
VENTILATION: If possible, handle the material in an efficient fume hood.
RESPIRATOR: Respirator selection should be based on anticipated exposure levels.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White to light tan solid
ODOR: None
MOLECULAR WEIGHT: 425.50
MELTING POINT: No data available
BOILING POINT: No data available
SPECIFIC GRAVITY No data available
SOLUBILITY IN WATER: Insoluble

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: No data
INCOMPATIBILITY: No data
DECOMPOSITION PRODUCTS: Carbon oxides, nitrogen oxides, and sulfur oxides.

SECTION 11 TOXICOLOGICAL DATA

RTECS DATA: No data
CARCINOGENIC EFFECTS: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
MUTAGENIC EFFECTS: No data
TETRATOGENIC EFFECTS: No data
TOXICITY DATA: 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

Non-hazardous material

SECTION 15 REGULATORY INFORMATION

TSCA: Not listed in the TSCA Inventory
OSHA HAZARDS: None known
SARA 302 COMPONENTS: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA (TITLE 313): Title compound not listed
MASSACHUSETTS RIGHT TO KNOW: No components are subject to the Massachusetts Right to Know Act.
MAINE: Product does not contain any listed chemicals
VERMONT: Product does not contain any listed chemicals
WASHINGTON: Product does not contain any listed chemicals

SECTION 16 OTHER INFORMATION

HMIS CLASSIFICATION:
Health: 0 Flammability: 0 Reactivity: 0
NFPA RATING:
Health: 0 Fire: 0 Reactivity Hazard: 0

CAS #: Chemical Abstracts Service Number
RTECS: Registry of Toxic Effects of Chemical Substances,
OSHA: Occupational Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
TSCA: Toxic Substances Control Act
SARA: Superfund Amendments and Reauthorization Act

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, Prochem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE PREVIOUSLY PREPARED: 10/21
DATE REVISED 7/26
REVISION SUMMARY: Removed Fax Number. Updated Sections # 2 added categories, # 15 US State Regulations and # 16 HMIS / NFPA and Abbreviations. All other details in this document about the product remained unchanged.
Updated by EHS 7/16/26.
EHS/SDS DEPT.