

MATERIAL SAFETY DATA SHEET (MSDS)

Revision Number: 1.7

Last updated May 20, 2008

Section 1: Product and Company Identification

PRODUCT NAME	3-[3-(1,1-Bis(hexyloxyethyl)pyridin-1-yl)propane-1-sulfonate
CATALOG NUMBER	21010 and 21011
UNIT SIZE	10 mg and 1mg
MANUFACTURER/SUPPLIER	Protein Discovery, Inc. 418 South Gay Street, Suite 203 Knoxville, TN 37902 Tel: 865-521-7400 Fax: 865-521-3548 http://www.proteindiscovery.com E-mail: support@proteindiscovery.com (800) 424-9300 (CHEMTREC) (24HR Emergency Phone)
EMERGENCY PHONE:	1-703-527-3887 (International CHEMTREC)

Section 2: Composition/Information on Ingredients

- 3-[3-(1,1-Bis(hexyloxyethyl)pyridin-1-yl)propane-1-sulfonate
- Molecular Formula: C₂₂H₃₉NO₅S
- Molecular Weight: 429.62
- CAS Number/Name: N/A
- % by Weight >99%

Section 3: Hazards Identification

EMERGENCY OVERVIEW: Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

Potential Health Effects

INHALATION	Not determined
INGESTION	Not determined
SKIN	Not determined
EYES	Not determined
CHRONIC EXPOSURES	Not determined
TARGET ORGANS: ACGIH/OSHA PERMISSIBLE EXPOSURE LIMIT	Not determined

Section 4: First Aid Measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with soap and copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice. If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. If inhaled, move individual to fresh air and call a physician to seek medical advice.

Section 5: Fire Fighting Measures

EXTINGUISHING MEDIA	Water spray, carbon dioxide, dry chemical powder or appropriate foam.
SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS	Emits toxic fumes under fire conditions.

Section 6: Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

Section 7: Handling and Storage

Store unopened vacuum-packaged vial out of direct sunlight at -20°C or lower until the expiration date listed on vial. PPS is extremely hygroscopic and is cleaved slowly by water at neutral pH, and at an accelerated rate at acidic or basic pH. Once the package is opened to air, the contents should be immediately reconstituted in aqueous buffer (pH 7 – 8), protected from elevated temperatures, and used within 12 hours.

Section 8: Exposure Controls / Personal Protection

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

Section 9: Physical and Chemical Properties

FORM	Solid
ODOR	Not determined
SOLUBILITY IN WATER	Low
SPECIFIC GRAVITY	Not determined
pH	Not determined
BOILING POINT	Not determined
MELTING POINT	Not determined
FLASH POINT	Not determined
VAPOR PRESSURE	Not determined

Section 10: Stability and Reactivity

THERMAL DECOMPOSITION	No decomposition if used according to specifications.
DANGEROUS PRODUCTS OF DECOMPOSITION	No dangerous decomposition products identified.
DANGEROUS REACTIONS	No dangerous reactions identified.

Section 11: Toxicological Information

RTECS NUMBER	None known
TOXICITY	None known
HEALTH HAZARDS	Not thoroughly investigated.
POTENTIAL HAZARDS	The complete properties have not been investigated and should be treated as potentially hazardous.
CARCINOGENICITY	Not listed by NTP, IARC or OSHA.

Section 12: Ecological Information

Do not allow product to reach ground water, water course, or sewage system.

Section 13: Disposal Considerations

Consult local, state or national regulations for proper disposal.

Section 14: Transport Information

HAZARD CLASS	Not determined
IDENTIFICATION NUMBER	Not determined
PACKING GROUP	Not classified
PROPER SHIPPING NAME (TECHNICAL NAME)	Not determined

Section 15: Regulations

US TOXIC SUBSTANCES CONTROL ACT (TSCA)	Not listed
US OTHER	Not applicable
EEC EINICS NUMBER	Not identified
OTHER COUNTRY REGULATIONS	None identified
EEC RISK STATEMENTS	Not determined

Section 16: Other Information

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available Protein Discovery shall not be held liable for any damage resulting from handling or from contact with the above product.