

PPS Silent™ Surfactant

Material Safety Data Sheet (MSDS)

Revision Number: 1.6

Last updated March, 2007

PPS SILENT™ SURFACTANT
PROTEIN PREP REAGENTS

Product and Company Identification

Product Name: 3-[3-(1,1-Bis(hexyloxyethyl)pyridin-1-yl)propane-1-sulfonate

Catalog Number/Unit Size: 21010/10mg, 21011/1mg

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

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

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

<i>Inhalation:</i>	Not determined
<i>Ingestion:</i>	Not determined
<i>Skin:</i>	Not determined
<i>Eyes:</i>	Not determined
<i>Chronic Exposures:</i>	Not determined
<i>Target Organs:</i>	Not determined

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.

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.

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.

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.

Exposure Controls / Personal Protection

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

ACGIH/OSHA Permissible Exposure Limit Data:

Not determined

Physical and Chemical Properties

<i>Form:</i>	Solid
<i>Odor:</i>	Not determined
<i>Solubility in Water:</i>	Low
<i>Specific Gravity:</i>	Not determined
<i>pH:</i>	Not determined
<i>Boiling Point:</i>	Not determined
<i>Melting Point:</i>	Not determined
<i>Flash Point:</i>	Not determined
<i>Vapor Pressure:</i>	Not determined

Stability and Reactivity

<i>Thermal Decomposition:</i>	No decomposition if used according to specifications.
<i>Dangerous Products of Decomposition:</i>	No dangerous decomposition products identified.
<i>Dangerous Reactions:</i>	No dangerous reactions identified.

Toxicological Information

<i>RTECS Number:</i>	None known
<i>Toxicity:</i>	None known
<i>Health Hazards:</i>	Not thoroughly investigated.
<i>Potential Hazards:</i>	The complete properties have not been investigated and should be treated as potentially hazardous.
<i>Carcinogenicity:</i>	Not listed by NTP, IARC or OSHA.

