YPX™ Yeast Protein Extraction Kit
Material Safety Data Sheet (MSDS)

Revision Number: 1.1
Last updated October 2010

Section 1 - Product and Company Identification
Product Name: YPX™ Yeast Protein Extraction Kit
Catalog Number: 44102
Unit Size: 50mL bottle
Manufacturer/Supplier: Protein Discovery, Inc.
418 South Gay Street, Suite 203
Knoxville, TN 37902
Tel: 865-521-7400
Fax: 865-521-3548
Web: http://www.proteindiscovery.com
e-Mail: support@proteindiscovery.com

Section 2 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS-No.</th>
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<tbody>
<tr>
<td>Sodium dodecyl sulfate</td>
<td>151-21-3</td>
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<tr>
<td>Lysis buffer</td>
<td></td>
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<tr>
<td>Reducing agent</td>
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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: Causes respiratory tract irritation.
Ingestion: May be harmful if swallowed.
Skin: Causes skin irritation.
Eyes: Causes eye irritation.
Chronic Exposures: No information available
Target Organs: No information available

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.

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
Avoid contact with eyes, skin, and clothing. Keep in properly labeled containers.
Section 8 - Exposure Controls / Personal Protection
Respiratory protection: In case of insufficient ventilation wear suitable equipment
Hand protection: Protective gloves
Eye protection: Safety glasses with side-shields
Skin and body protection: Lightweight protective clothing

Section 9 - Physical and Chemical Properties
Form: Liquid
Odor: No information available
Solubility in Water: No information available
Specific Gravity: No information available
pH: No information available
Boiling Point: No information available
Melting Point: No information available
Flash Point: No information available
Vapor Pressure: No information available

Section 10 - Stability and Reactivity
Stability: Stable under recommended storage conditions.
Dangerous Products of Decomposition: No information available
Dangerous Reactions: No information available

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
No information available.

Section 13 - Disposal Considerations
Consult local, state or national regulations for proper disposal.

Section 14 - Transport Information
DOT: Not regulated
IATA: Not available

Section 15 – Regulatory Information
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.