

Material Safety Data Sheets

Product Identification

Product Name: ImmuKnow[®] – the Cylex[™] Immune Cell Function Assay
Component G – Stimulant (PHA)

Catalog Number: 4014

Composition / Information on Components:

- **COMPONENT G1:** Phytohemagglutinin-L in solution
- **Molecular Formula:** Not available
- **Molecular Weight:** Not available
- **CAS Number/Name:** Not available

Emergency Overview:

To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

Target Organ Data: Behavioral (Somnolence)
Behavioral (Food Intake)
Lungs, thorax, or respiration (Dyspnae)
Effects on fertility (Post-Implantation Mortality)
Effects on embryo or fetus (fetotoxicity)
Specific developmental abnormalities (Musculoskeletal System)
Specific developmental abnormalities (Cardiovascular System)
Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in RTECS for complete information

First Aid Measures for solid form:

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, wash affected area with water for 15 minutes and seek medical advise. If swallowed, seek medical advice.

Fire Fighting Measures:

Use dry chemical power or appropriate foam extinguisher.

Accidental Release Measures:

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

Handling and Storage:

Freezer storage recommended (-20°C or less)

Exposure Controls / Personal Protection

- Wear appropriate gloves, safety goggles, and other protective clothing.

ACGIH/OSHA Permissible Exposure Limit Data: Not determined

Stability and Reactivity:

- **Stability:** Stable
- **Hazardous Polymerization:** Will not occur

Toxicological Information for solid form:

- **RTECS Number:** TJ3470000 - Phytohemagglutinin
- **Acute Effects:** May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties have not been thoroughly investigated

Ecological Information:

Information not available

Disposal Considerations:

Consult local, state, or national regulations for proper disposal.

Regulations:

- **US Toxic Substances Control Act (TSCA):** Not listed
- **US Other:** Not applicable
- **EEC EINICS Number:** Not determined
- **EEC Risk Statements:** Not determined
- **Other Country Regulations:** None identified

Transport Information:

- **Hazard Class:** Not determined
- **Identification Number:** Not determined
- **Packing Group:** Not classified
- **Proper Shipping Name (Technical Name):** Not determined

Other Information:

This product 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 correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Cylex will not be held liable for any damage resulting from handling or contact with the above product.