

## Material Safety Data Sheets

### **Product Identification**

**Product Name:** ImmuKnow<sup>®</sup> – the Cylex<sup>™</sup> Immune Cell Function Assay  
Component E – Luminescence Reagent

**Catalog Number:** 4005

Product Number: ASY0189

### **Components**

Luciferase enzyme, Synthetic D-luciferin ((S)-4, 5-dihydro-2(6-hydroxy-2-benzothiazolyl)-4-thiazolecarboxylic acid).

Stabilizers. Buffers. Sodium Azide. Detergent.

### **Form**

Liquid reagent contained in amber plastic bottle.

### **General Safety Data**

Standard laboratory practice of wearing laboratory coats, safety glasses and gloves is recommended. If reagents are splashed into the eye or onto the skin the affected area should be washed with copious amounts of water.

### **Hazard Data/Toxicity Data**

Contains 0.05% (w/v) sodium azide as a preservative. Low toxicity. Mild irritant. Possible systemic effects.

If used according to the manufacturer's instructions, the liquid-stable reagent containing the sodium azide will not come into contact with the sampling location or operator.

### **Health Hazard**

ACUTE EFFECTS: Prolonged or repeated exposure may cause allergic reactions in certain individuals.

FIRST AID: In case of eye contact immediately irrigate with copious amounts of fresh water. In case of skin contact, immediately wash with soap and water. If ingested, wash mouth with water and seek medical advice.

### **Fire/Explosion Hazard**

Emits toxic fumes under fire conditions.

### **Handling**

Laboratory coat, gloves, safety glasses and dust mask.

### **Special Precautions**

Not for human consumption or drug use.

### **Storage and Disposal**

Store at 2–8 C. Protect from light.

### **Waste Disposal:**

SPILL RESPONSE: Dilute with water and flush to waste

RECOMMENDED DISPOSAL: Dispose of in an industrial or commercial waste facility.

### **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.