

## Material Safety Data Sheet

### Section I: Product and Company Information

**Product Trade Name** ..... *5X STABILCOAT® IMMUNOASSAY STABILIZER*  
**Product Number**..... *SC05-0100, SC05-1000, SC05-2000*  
**Chemical Nature** ..... Aqueous, protein-containing solution

**Manufacturer's Name**..... SurModics, Inc.  
**Street Address** ..... 9924 West 74<sup>th</sup> Street  
**City, State, Zip Code, Country** ..... Eden Prairie, MN 55344 US  
**Emergency Telephone Number** ..... CHEMTREC: 1-800-424-9300 (US and Canada)  
1-703-527-3887 (International shipments)

**Telephone Number for Information**.... (952) 829-2700  
**Fax Number** ..... (952) 829-2743  
**Prepared by** ..... Clinical & Regulatory Affairs

### Section II: Hazards Identification

**EMERGENCY OVERVIEW:**

**Non-hazardous liquid. This product is non-flammable. May cause eye irritation.**

**OSHA REGULATORY STATUS:**

This product does not meet the definition of a hazardous chemical given in 29 CFR 1910.1200 (OSHA).

**POTENTIAL HEALTH EFFECTS:**

Eye exposure could cause mild to severe irritation in some individuals.

**POTENTIAL ENVIRONMENTAL EFFECTS:**

No data available.

### Section III: Composition/Information on Ingredients

Components	CAS Registry #	%
Proprietary formulation; no hazardous components above 1% or carcinogens above 0.1%	None	100

## Section IV: First Aid Measures

- Eye Exposure**..... Introduction into the eye could cause mechanical irritation. In case of contact, wash eyes immediately with large amounts of water or normal saline for at least 15 minutes, lifting the upper and lower lids to assure adequate flushing. Seek medical attention if irritation develops.
- Skin Exposure** ..... No adverse acute effects are expected via this route of entry. Flush with water, and then thoroughly wash affected area with soap and water.
- Ingestion** ..... No data on ingestion of the material is available. Extremely large oral doses may produce gastrointestinal disturbance. If swallowed, consult with medical staff or poison control center to determine if any immediate response or follow-up actions are recommended.
- Inhalation** ..... No adverse acute effects are expected via this route of entry. No special first aid measures are necessary; inhalation or aspiration unlikely.
- Notes to Physicians** ..... None

## Section V: Fire Fighting Measures

- Flash Point** ..... Not Available
- Flammable Limits** ..... Not Available
- Auto-Ignition Temperature**..... Not Available
- NFPA Hazard Classification** ..... Health: 0 Flammability: 0 Reactivity: 0 Other:
- Extinguishing Media** ..... No restriction; use appropriate agent for surrounding fire
- Fire Fighting Procedure** ..... Wear full protective clothing, including self-contained breathing apparatus. Although presenting no special fire hazard in normal use, the material will burn and could contribute to an existing fire.
- Hazardous Combustion**
- Products** ..... Toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides.
- Unusual Fire and Explosion**
- Hazards** ..... None

## Section VI: Accidental Release Measures

### *STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:*

Wear suitable laboratory protective clothing. Absorb spill with inert material and then place in a disposal container. Wash the area of the spill thoroughly with soap and water.

## Section VII: Handling and Storage

### *HANDLING:*

Refer to Section VIII for recommended precautionary measures when handling *5X StabilCoat Immunoassay Stabilizer*.

### *STORAGE:*

Store refrigerated or a room temperature.

## Section VIII: Exposure Control / Personal Protection

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

None

Exposure Limits	
OSHA PEL	ACGIH TLV
None Established	None Established

### ENGINEERING CONTROLS:

Not respirable as a liquid.

### PERSONAL PROTECTIVE EQUIPMENT:

- Safety goggles or glasses with side shields
- Protective clothing – lab coat
- Protective gloves – disposable rubber gloves

### GENERAL HYGIENE CONTROLS:

- Practice good chemical hygiene when handling
- Avoid contact with eyes, skin and clothing
- Do not ingest material
- Safety shower and eyewash station available near location of use

## Section IX: Physical and Chemical Properties

<b>Boiling Point</b> .....	100°C	<b>Specific Gravity (H<sub>2</sub>O=1)</b> .....	Not Available
<b>Vapor Pressure (mmHg)</b> .....	Not Available	<b>Melting Point</b> .....	Not Available
<b>Vapor Density (AIR=1)</b> .....	Not Available	<b>Freezing Point</b> .....	Not Available
<b>pH</b> .....	7.0-7.4	<b>Evaporation Rate</b> .....	Not Available
<b>Solubility in Water</b> .....	Complete	<b>Percent Volatiles</b> .....	Not Available
<b>Appearance</b> .....	Golden, translucent liquid		
<b>Physical State</b> .....	Liquid		
<b>Odor</b> .....	None		

## Section X: Stability and Reactivity Data

<b>Stability</b> .....	Chemically stable
<b>Conditions to Avoid</b> .....	None known
<b>Incompatibility</b> .....	None known
<b>Hazardous Decomposition or Byproducts</b> .....	Toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides.
<b>Hazardous Polymerization</b> .....	Will not occur

## Section XI: Toxicological Information

Though complete toxicity information on **5X StabilCoat Immunoassay Stabilizer** is not available, none of its components are known to be toxic or hazardous at use concentrations.

## Section XII: Ecological Information

No data available.

## Section XIII: Disposal Considerations

### *APPROPRIATE WASTE DISPOSAL METHOD:*

Observe all federal, state and local laws when considering most appropriate disposal method.

## Section XIV: Transport Information

Department of Transportation (DOT) ... Non-regulated, non-hazardous for transport

Reportable Quantity (RQ) ..... None known

Emergency Telephone Number ..... CHEMTREC: 1-800-424-9300 (US and Canada)  
(During Transport) 1-703-527-3887 (International shipments)

## Section XV: Regulatory Information

### *CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):*

Not Applicable.

### *SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):*

Not Listed.

## Section XVI: Other Information

StabilCoat is a registered trademark of SurModics, Inc.

*The above product information is believed to be correct, but SurModics, Inc. makes no representation of its accuracy or completeness. Persons receiving this information must exercise their independent judgment in determining the product's safety and suitability for its intended use. SURMODICS, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF THE PRODUCT OR RELIANCE UPON THIS INFORMATION.*