

# Safety Data Sheet (SDS)

<i>Revision Number: 1.1</i>	<i>Last updated: April 2015</i>
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## **1. Product and Company Identification**

<i>Product Name:</i>	<b>SensoLyte<sup>®</sup> Red Protease Assay Kit * Fluorimetric*</b>
<i>Manufacturer/Supplier:</i>	AnaSpec, Inc. <a href="http://www.anaspec.com">www.anaspec.com</a> 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: <a href="mailto:service@anaspec.com">service@anaspec.com</a>
<i>Catalog Number</i>	AS-71140
<i>Unit Size</i>	1 kit

## **2. Hazards Identification**

### *Emergency Overview:*

### *GHS Hazard Classification:*

*GHS Physical Hazards :* None

### *GHS Health and Environmental Hazards*

Component A: Irritant to eyes and skin

Component B: None

Component C: Irritant to eyes and skin

### *GHS Signal Words:*

Component A: Warning

Component B: None

Component C: Warning

### *GHS Hazard Statements:*

Component A: None

Component B: None

Component C: H302 Harmful if swallowed.

*GHS Precautionary Statements:* None

*HMIS Classification: Health Hazard: 0*

*Flammability: 0*

*Physical hazards: 0*

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*NFPA Rating: Health hazard: 0*  
*Fire: 0*  
*Reactivity hazard: 0*

### **3. Composition / Information on Ingredients**

*Ingredients/Components:*

<i>Chemical Name:</i>	<i>Description</i>	<i>CAS Number:</i>
Component A	5(6)-TAMRA -labeled casein	NA
Component B	Trypsin	9002-07-7
Component C	Assay buffer	NA

### **4. First Aid Measures**

#### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### **Component A, B and C**

*Inhalation:* Move subject to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.

*Ingestion:* Do NOT induce vomiting. If swallowed, wash out mouth with water if subject is conscious. Immediately consult a physician. Never give anything by mouth to an unconscious person.

*Skin:* Remove contaminated clothing. Wash skin thoroughly with soap and water. Consult a physician.

*Eyes:* Immediately flush eyes with large amount of water for at least 15 minutes. Consult a physician.

### **5. Fire Fighting Measures**

<i>Extinguishing media:</i>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<i>Special firefighting procedures:</i>	None
<i>Unusual fire and explosions hazards:</i>	None

### **6. Accidental Release Measures**

<i>Containment and spill response</i>	Absorb with paper towel and dispose into biohazard waste
<i>PPE</i>	Gloves, lab coat, goggles

### **7. Handling and Storage**

*Handling:* Wash thoroughly after handling. Remove and wash any contaminated clothing. Keep container tightly closed and avoid contact with eyes, skin, and clothing. Use with adequate ventilation and avoid ingestion and inhalation. Keep away from heat and flame.

*Storage:* Store at -20 °C

### **8. Exposure Controls / Personal Protection**

<i>Engineering controls</i>	None
<i>PPE</i>	Wear goggles and gloves when handling the product

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<b><u>9. Physical and Chemical Properties</u></b>	
<i>Physical State</i>	Liquid
<i>Odo</i>	Not determined
<i>Solubility in Water</i>	Soluble
<i>Specific Gravity</i>	Not determined
<i>pH</i>	Component C:7.5
<i>Boiling Point</i>	Not determined
<i>Melting Point</i>	Not determined
<i>Flash Point</i>	Not determined
<i>Vapor Pressure:</i>	Not determined
<i>Vapor Density:</i>	Not determined
<b><u>10.Stability and Reactivity</u></b>	
<i>Thermal Decomposition</i>	Not applicable
<i>Dangerous Products of Decomposition</i>	Not Applicable
<i>Dangerous Reactions</i>	Not Applicable
<b><u>11.Toxicological Information</u></b>	
<i>RTECS Number</i>	Not available
<i>Toxicity</i>	<i>None</i>
<i>Health Hazards</i>	May cause skin irritation. May cause eye irritation. May be harmful if inhaled. May be harmful if swallowed.
<i>Potential Hazards</i>	Not identified
<i>Carcinogenicity:</i>	No data available
<i>OSHA Permissible Exposure Limit(PEL) Data</i>	No data available
<i>ACGIH Threshold Limit Values (TLV)</i>	No data available
<b><u>12. Ecological Information</u></b>	
Do not allow product to reach ground water, watercourse, or sewage system.	
<b><u>13. Disposal Considerations</u></b>	
Consult local, state, or national regulations for proper disposal. <b>Contaminated packaging</b> Dispose of as unused product.	

**14. Transport Information: IATA Exempted quantities labeling**

<i>UN Number</i>	N/A
<i>Hazard Class</i>	This substance is considered to be non-hazardous for transport
<i>Identification Number</i>	N/A
<i>Packing Group</i>	N/A
<i>Proper Shipping Name (DOT)</i>	N/A

**15. Regulatory information**

*California Proposition 65: Not Listed*

*US TSCA (Toxic Substance Control Act): Not Listed*

*US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): Not Listed*

*US SARA Title III (Superfund Amendments and Reauthorization Act): Not Listed*

*US Other: Not listed*

*EC EINICS (European Inventory of Existing Commercial Chemical Substances) Number: Not Listed*

*EC Risk Statements: Not Determined*

*Other Country Regulations: Not Determined*

US Clean Air Act:

Component **A, B, C**

*Listed under Hazardous Air Pollutants: Not listed*

*Listed under Class 1 Ozone Depletors: Not listed*

*Listed under Class 2 Ozone Depletors: Not listed*

US Clean Water Act:

Components **A, B, C**

Listed under "Hazardous Substances": Not listed

*Listed under "Priority Pollutants": Not listed*

Listed under "Toxic Pollutants": Not listed

Component **E**

Listed under "Hazardous Substances": Listed

*Listed under "Priority Pollutants": Not listed*

*Listed under "Toxic Pollutants": Not listed*

**US States: Right-to-Know: NA**

**16. Other Information**

It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. 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. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product.

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