

# Safety Data Sheet (SDS)

<i>Revision Number: 1.1</i>	<i>Last updated: April 2015</i>
-----------------------------	---------------------------------

## **1. Product and Company Identification**

<i>Product Name:</i>	<b>SensoLyte<sup>®</sup> MG Phosphate Assay kit*Colorimetric*</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-71103
<i>Unit Size</i>	1 kit

## **2. Hazards Identification**

### *Emergency Overview:*

### *GHS Hazard Classification:*

*GHS Physical Hazards :* Component A: None  
 Component B: Corrosive

### *GHS Health and Environmental Hazards*

Component A: None  
 Component B: Skin corrosion (Category 1A)  
 Serious eye damage (Category 1)  
 Acute aquatic toxicity (Category 3)

### *GHS Signal Words:*

Component A: None  
 Component B: Danger

### *GHS Hazard Statements:*

Component A: None  
 Component B: H314 Causes severe skin burns and eye damage.  
 H402 Harmful to aquatic life

### *GHS Precautionary Statements:*

Component A: None  
 Component B: P273 Avoid release to the environment  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

### **AnaSpec Inc.**

34801 Campus Drive, Fremont, CA 94555  
 Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

*HMIS Classification:*

Component A:     *Health Hazard: 0*  
                           *Flammability: 0*  
                           *Physical hazards: 0*  
 Component B:     *Health Hazard:3*  
                           *Flammability: 0*  
                           *Physical hazards: 2*

*NFPA Rating:*

Component A:     *Health hazard: 0*  
                           *Fire: 0*  
                           *Reactivity hazard: 0*  
 Component B:     *Health Hazard:3*  
                           *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	Phosphate Standard	NA
Component B	MG Reagent in Sulfuric acid	NA

**AnaSpec Inc.**

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

**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**

*Inhalation:* Move subject to fresh air. Clear nose by blowing.

*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.

**Component B**

*Inhalation:* If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

*Ingestion:* Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

*Skin:* Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

*Eyes:* Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**5. Fire Fighting Measures**

<i>Extinguishing media:</i>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
-----------------------------	--

<i>Special firefighting procedures:</i>	Component A: None Component B: Wear self-contained breathing apparatus for firefighting if necessary.
---	--

<i>Unusual fire and explosions hazards:</i>	Component A:None Component B: Hazardous decomposition products formed under fire conditions - Sulphur oxides, Carbon oxides, nitrogen oxides (NOx)
---	---

**6. Accidental Release Measures**

<i>Containment and spill response</i>	<p><b>Component A:</b> Spilled material should be carefully wiped up with water and removed.</p> <p><b>Component B:</b></p> <p><i>Personal precautions:</i> Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.</p> <p><i>Environmental precautions:</i> Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. If necessary, neutralize with dilute acetic acid. Use appropriate equipment to place in appropriate waste disposal container. Spread water on contaminated surface and dispose of according to local and regional requirements.</p>
---------------------------------------	--

AnaSpec Inc.

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

<i>PPE</i>	Gloves, lab coat, goggles
------------	---------------------------

## **7. Handling and Storage**

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

*Storage:* Keep container tightly closed and well-ventilated place.

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

<i>Engineering controls</i>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. Safety shower and eye bath, mechanical exhaust required. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid inhalation. Avoid contact with eyes, skin and clothing. Store as indicated on product label. Avoid prolonged or repeated exposure.
-----------------------------	--

<i>PPE</i>	Wear goggles and gloves when handling the product
------------	---

## **9. Physical and Chemical Properties**

<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:1.5
<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

## **10. Stability and Reactivity**

<i>Thermal Decomposition</i>	Stable under recommended storage conditions.
<i>Dangerous Products of Decomposition</i>	Not Applicable
<i>Dangerous Reactions</i>	Not Applicable

## **11. Toxicological Information**

<i>RTECS Number</i>	Not available
<i>Toxicity</i>	Component A:None Component B: Carcinogenicity This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably

	carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)
Health Hazards	Irritating to skin, eyes and / or respiratory tract. May cause eye irritation. May be harmful if inhaled. May be harmful if swallowed.
<i>Potential Hazards</i>	Not identified
<i>Carcinogenicity:</i>	Carcinogenicity This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B)
<i>OSHA Permissible Exposure Limit(PEL) Data</i>	X - Present
<i>ACGIH Threshold Limit Values (TLV)</i>	A2 - Suspected Human Carcinogen
<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.	
<b><u>14. Transport Information:</u></b>	
<i>UN Number</i>	3316
<i>Hazard Class</i>	9
<i>Identification Number</i>	N/A
<i>Packing Group</i>	II
<i>Proper Shipping Name (DOT)</i>	Chemical kit
<b><u>15. Regulatory information</u></b>	
<i>California Proposition 65:</i>	<b>Component B:</b> WARNING! This product contains a chemical known to the State of California to cause cancer.
US TSCA (Toxic Substance Control Act):	<b>Component B:</b> Listed
<i>US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):</i>	<b>Component B:</b> Listed

**AnaSpec Inc.**

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

