

# Safety Data Sheet (SDS)

<i>Revision Number: 1.1</i>	<i>Last updated: April 2015</i>	
<b>1. Product and Company Identification</b>		
<i>Product Name:</i>	<b>SensoLyte<sup>®</sup> NADP/NADPH 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-72206	
<i>Unit Size</i>	1 kit	
<b>2. Hazards Identification</b>		
<i>Emergency Overview:</i>		
<i>GHS Hazard Classification:</i>		
<i>GHS Physical Hazards :</i>		
<b>Component G:</b> Skin Irritant <b>Other components:</b> None		
<i>GHS Health and Environmental Hazards</i>		
<b>Component A ,B and C:</b> H316 Causes mild skin irritation H320 Causes mild eye irritation		
<b>Component D ,E and F:</b> Irritant to eyes		
<b>Component G:</b> Skin irritation (Category 3)		
<i>GHS Signal Words:</i> None		
<i>GHS Hazard Statements:</i>		
<b>Component G:</b> Warning <b>Other components:</b> None		
<i>GHS Precautionary Statements:</i>		
<b>Component A ,B and C:</b> None <b>Component D ,E, F:</b> P280 Wear Eye Protection <b>Component G:</b> None		
<i>HMIS Classification:</i>		
<b>Component A ,B and C:</b>	<b>Component D and E:</b>	<b>Component G:</b>
<i>Health hazard:</i> 0	<i>Health hazard:</i> 1	<i>Health hazard:</i> 0
<i>Flammability:</i> 0	<i>Flammability:</i> 0	<i>Flammability:</i> 0
<i>Physical hazards:</i> 0	<i>Physical hazards:</i> 0	<i>Physical hazards:</i> 0
<i>NFPA Rating:</i>		
<b>Component A, B and C:</b>	<b>Component D and E:</b>	<b>Component G:</b>
<i>Health hazard:</i> 0	<i>Health hazard:</i> 1	<i>Health hazard:</i> 0
<i>Fire:</i> 0	<i>Fire:</i> 0	<i>Fire:</i> 0
<i>Reactivity hazard:</i> 0	<i>Reactivity hazard:</i> 0	<i>Reactivity hazard:</i> 0

**3. Composition / Information on Ingredients***Ingredients/Components:*

<b>Chemical Name:</b>	<b>Description</b>	<b>CAS Number:</b>
Reagent A	Proprietary	N/A
Reagent B	Proprietary	N/A
Enzyme cycling mix	Proprietary	N/A
Assay buffer	Proprietary	N/A
NADP Standard	Proprietary	N/A
NADP Extraction Buffer	Proprietary	N/A
NADPH Extraction Buffer	Proprietary	NA

**4. First Aid Measures****All Components**

*Inhalation:* If breathed in, move person into fresh air. Clear nose by blowing.

*Ingestion:* Flush out the mouth with water and drink copious amounts of fresh water. Seek medical advice.

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

*Eyes:* Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician.

**5. Fire Fighting Measures**

<i>Extinguishing media:</i>	Water spray, carbon dioxide, dry chemical powder or appropriate foam. Prevent contact with skin and eyes.
<i>Special firefighting procedures:</i>	None
<i>Unusual fire and explosions hazards:</i>	None

**6. Accidental Release Measures**

<i>Containment and spill response</i>	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Spilled material should be carefully wiped up with water and removed.
<i>PPE</i>	Use personal protective equipment

**7. Handling and Storage**

**Components:** Upon receipt, keep the components at -20C except Component D at -80C

**8. Exposure Controls / Personal Protection**

<i>Engineering controls</i>	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 suitable protective clothing, including gloves, safety glasses, dust mask, and a laboratory coat.

**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: 8
<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

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<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>	Vapors may form explosive mixture with air.
<b><u>11. Toxicological Information</u></b>	
<i>RTECS Number</i>	Not available
<i>Toxicity</i>	Not identified
<i>Health Hazards</i>	<i>No data available</i>
<i>Potential Hazards</i>	<b>Components</b> Inhalation: May be harmful if inhaled. Causes respiratory tract irritation. Ingestion: May be harmful if swallowed. Skin: May be harmful
<i>Carcinogenicity:</i>	NA
<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> Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide buildup in drains.	
<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>	III
<i>Proper Shipping Name (DOT)</i>	Chemical kit

<b>15. Regulatory information</b>	
California Proposition 65:	NA
US TSCA (Toxic Substance Control Act):	Not listed
US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):	Not Listed
US SARA Title III	SARA 302 components: N/A SARA 313 components: N/A SARA 311/312 Hazards: N/A
US Clean Air Act:	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:	Listed under "Hazardous Substances": Not listed Listed under "Priority Pollutants": Not listed Listed under "Toxic Pollutants": Not listed
<p><b>US States: Right-to-Know: Listed in the following States:</b></p> <p><b>Component G:</b>  <i>Massachusetts Right To Know Components</i>            No components are subject to the Massachusetts Right to Know Act.  <i>Pennsylvania Right To Know Components</i>            Water            CAS-No.            7732-18-5            Revision Date</p> <p>Sodium hydroxide 1310-73-2 2007-03-01  <i>New Jersey Right To Know Components</i>            Water            CAS-No.            7732-18-5            Revision Date</p>	
<b>European/International Regulations: NA</b>	
<b>16. Other Information</b>	
<p>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.</p>	

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