# Safety Data Sheet (SDS)

**Revision Number:** 1.1  
**Last updated:** April 2015

## 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>SensoLyte® 490 HCV Protease Assay Kit * Fluorimetric*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer/Supplier:</td>
<td>AnaSpec, Inc.</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.anaspec.com">www.anaspec.com</a></td>
</tr>
<tr>
<td></td>
<td>34801 Campus Drive</td>
</tr>
<tr>
<td></td>
<td>Fremont, CA 94555</td>
</tr>
<tr>
<td></td>
<td>Tel: 510-791-9560</td>
</tr>
<tr>
<td></td>
<td>Fax: 510-791-9572</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:service@anaspec.com">service@anaspec.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>AS-72087</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>1 kit</td>
</tr>
</tbody>
</table>

## 2. Hazards Identification

### Emergency Overview:

### GHS Hazard Classification:

### GHS Physical Hazards

- **Component A:** Flammable liquid (Category 4)
- **Component B:** Flammable liquid (Category 4)
- **Component C:** Irritant (Category 3)
- **Component D:** Acute toxicity, Oral (Category 4)  
  - Acute toxicity, Dermal (Category 3)  
  - Skin irritation (Category 2)  
  - Eye irritation (Category 2A)  
  - Specific target organ toxicity - single exposure (Category 3)  
  - Acute aquatic toxicity (Category 2)
- **Component E:** Acute toxicity, Oral (Category 5)  
  - Skin irritation (Category 2)  
  - Eye irritation (Category 2A)
- **Component F:** N/A

### GHS Health and Environmental Hazards

- **Component A:** Irritant to eyes and skin
- **Component B:** Irritant to eyes and skin
- **Component C:** Irritant to eyes and skin, mutagen, toxin
- **Component D:** Target organ effect, harmful by ingestion, toxic by skin absorption, irritant
- **Component E:** Target organ effect, toxic by ingestion, irritant
- **Component F:** Irritant to eyes and skin

### GHS Signal Words:

- **Component A:** Warning
- **Component B:** Warning
- **Component C:** Warning
**Component D:** Danger  
**Component E:** Warning  
**Component F:** N/A  

**GHS Hazard Statements:**

- **Component A:** H227 Combustible liquid  
- **Component B:** H227 Combustible liquid  
- **Component C:** H315 Causes skin irritation  
  - H319 Causes serious eye irritation  
  - H335 May cause respiratory irritation  
- **Component D:** H302 Harmful if swallowed.  
  - H311 Toxic in contact with skin.  
  - H315 Causes skin irritation.  
  - H319 Causes serious eye irritation.  
  - H335 May cause respiratory irritation.  
  - H401 Toxic to aquatic life.  
- **Component E:** H303 May be harmful if swallowed.  
  - H315 Causes skin irritation.  
  - H319 Causes serious eye irritation.  
- **Component F:** N/A

**GHS Precautionary Statements:**

- **Component A:** None  
- **Component B:** None  
- **Component C:** P305 + P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
- **Component D:** P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
  - P280 Wear protective gloves/ protective clothing.  
  - P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  - P312 Call a POISON CENTER or doctor/ physician if you feel unwell.  
- **Component E:** P305 + P351 + P338 IF IN EYES: Rinse cautiously with water.  
  - Remove contact lenses, if present and easy to do. Continue rinsing.  
- **Component F:** N/A

**HMIS Classification:**

<table>
<thead>
<tr>
<th>Component A</th>
<th>Component B</th>
<th>Component C</th>
<th>Component D</th>
<th>Component E</th>
<th>Component F</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Health hazard: 0</td>
<td>Health hazard: 2</td>
<td>Health hazard: 2</td>
<td>Health hazard: 2</td>
<td>Health hazard: 1</td>
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<td>Flammability: 2</td>
<td>Flammability: 2</td>
<td>Flammability: 1</td>
<td>Flammability: 3</td>
<td>Flammability: 0</td>
<td>Flammability: 0</td>
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<tr>
<td>Physical hazards: 0</td>
<td>Physical hazards: 0</td>
<td>Physical hazards: 0</td>
<td>Physical hazards: 3</td>
<td>Physical hazards: 0</td>
<td>Physical hazards: 0</td>
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</table>

**NFPA Rating:**

<table>
<thead>
<tr>
<th>Component A</th>
<th>Component B</th>
<th>Component C</th>
<th>Component D</th>
<th>Component E</th>
<th>Component F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health hazard: 0</td>
<td>Health hazard: 0</td>
<td>Health hazard: 2</td>
<td>Health hazard: 2</td>
<td>Health hazard: 2</td>
<td>Health hazard: 0</td>
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<tr>
<td>Fire: 2</td>
<td>Fire: 2</td>
<td>Fire: 1</td>
<td>Fire: 3</td>
<td>Fire: 0</td>
<td>Fire: 0</td>
</tr>
<tr>
<td>Reactivity hazard: 0</td>
<td>Reactivity hazard: 0</td>
<td>Reactivity hazard: 0</td>
<td>Reactivity hazard: 3</td>
<td>Reactivity hazard: 0</td>
<td>Reactivity hazard: 0</td>
</tr>
</tbody>
</table>
3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients/Components:</th>
<th>Chemical Name:</th>
<th>Description</th>
<th>CAS Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component A</td>
<td>Contains DMSO</td>
<td>67-68-5</td>
<td></td>
</tr>
<tr>
<td>Component B</td>
<td>Contains DMSO</td>
<td>67-68-5</td>
<td></td>
</tr>
<tr>
<td>Component C</td>
<td>Proprietary</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Component D</td>
<td>Proprietary</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Component E</td>
<td>Contains DTT</td>
<td>3483-12-3</td>
<td></td>
</tr>
<tr>
<td>Component F</td>
<td>Pep4AK</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

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:* 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:* Wash off with soap and plenty of water. Consult a physician.

*Eyes:* Flush eyes with soap as a precaution.

**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:* Wash off with soap and plenty of water. Consult a physician.

*Eyes:* Flush eyes with water as a precaution.

**Component C**

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

*Ingestion:* Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

*Skin:* 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.

**Component D**

*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:* Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

*Eyes:* Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
**Component E**

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

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Skin:** 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.

**Component F**

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

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Skin:** 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.

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## 5. Fire Fighting Measures

**Extinguishing media:**
- **Component A and B:** For small fires, use alcohol resistant foam, dry chemical, or carbon dioxide. For large fires, use water spray from a safe distance.
- **Component C:** Not applicable
- **Component D:** Not applicable
- **Component E:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- **Component F:** Not applicable

**Special firefighting procedures:**
- **Component A and B:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
- **Component C:** Not applicable
- **Component D:** Not applicable
- **Component E:** Wear self-contained breathing apparatus for fire fighting if necessary. **Component F:** Not applicable

**Unusual fire and explosions hazards:**
- **Component A and B:** Combustible liquid and vapor. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. Hazardous carbon oxides and sulphur oxides formed under fire conditions.
- **Component C:** Hazardous carbon oxide, nitrous oxide, and sulphur oxide products are formed under fire conditions.
- **Component D:** Not applicable
- **Component E:** Hazardous carbon oxide and sulphur oxide products are formed under fire conditions.
- **Component F:** Not applicable

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## 6. Accidental Release Measures

**Containment and spill response**

**Component A and B:** Immediately contact emergency personnel. Prevent further leakage or spillage if safe to do so. Avoid breathing vapors or mist. Remove all sources of ignition and provide ventilation. Collect with an electrically protected vacuum.
cleaner, by wet-brushing, or by absorbing with vermiculite, sand or earth, and place in appropriate container for disposal. Do not let material enter drains.

**Component C:** Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**Component D:** Contain spillage and collect with an electrically protected vacuum cleaner or wet brush. Keep in suitable, closed container for disposal.

**Component E:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Do not let product enter drains

**Component F:** Sweep up the liquid. Do not let product enter drains.

### PPE

**Use personal protective equipment**

#### 7. Handling and Storage

**Component A and B**

**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 in a tightly closed container away from moisture, heat, and flame. Store away from incompatible substances. Storage under a nitrogen blanket has been recommended.

**Component C**

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

**Storage:** Store in a tightly closed container in a dry, well-ventilated area.

**Component D:**

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Take measures to prevent the build up of electrostatic charge.

**Storage:** Store in a tightly closed container in a dry, well-ventilated area.

**Component E:**

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

**Storage:** Store in a tightly closed container in a cool, well-ventilated area. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

**Component F:** Avoid contact with skin and eyes. Store in a tightly closed container.

#### 8. Exposure Controls / Personal Protection

**Engineering controls**

**Component A and B:** Facilities storing and using this material should be equipped with a safety shower and eyewash station. Adequate ventilation should also be present.
<table>
<thead>
<tr>
<th>Component C:</th>
<th>Facilities storing and using this material should be equipped with a safety shower and eyewash station. Adequate ventilation should also be present.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component D:</td>
<td>Contain spillage and collect with an electrically protected vacuum cleaner or wet brush. Keep in suitable, closed container for disposal.</td>
</tr>
<tr>
<td>Component E:</td>
<td>Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.</td>
</tr>
<tr>
<td>Component F:</td>
<td>Facilities storing and using this material should be equipped with a safety shower and eyewash station. Adequate ventilation should also be present.</td>
</tr>
</tbody>
</table>

**PPE**

**Component A and B**

*Respiratory System:* A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

*Skin and Body:* Wear appropriate work uniform or laboratory coat to prevent skin exposure.

*Hands:* Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves.

*Eyes:* Wear chemical splash goggles.

**Component C**

*Respiratory System:* If necessary, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

*Skin and Body:* Wear appropriate work uniform or laboratory coat to prevent skin exposure.

*Hands:* Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves. Wash and dry hands.

*Eyes:* Handle with safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Component D:**

*Respiratory System:* If necessary, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

*Skin and Body:* Wear appropriate work uniform or laboratory coat to prevent skin exposure.

*Hands:* Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves. Wash and dry hands.

*Eyes:* Use equipment for eye protection tested and approved under appropriate government standards.
Component E:

**Respiratory System:** If necessary, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Skin and Body:** Wear appropriate work uniform or laboratory coat to prevent skin exposure.

**Hands:** Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves. Wash and dry hands.

**Eyes:** Use safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Component F:

Wear appropriate chemical-resistant gloves, safety goggles and protective clothing.

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### 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Component C –7.5</td>
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<tr>
<td><strong>Boiling Point</strong></td>
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<tr>
<td><strong>Melting Point</strong></td>
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<tr>
<td><strong>Flash Point</strong></td>
<td>Not determined</td>
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<tr>
<td><strong>Vapor Pressure</strong></td>
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<tr>
<td><strong>Vapor Density</strong></td>
<td>Not determined</td>
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### 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td><strong>Thermal Decomposition</strong></td>
<td>Not applicable</td>
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<tr>
<td><strong>Dangerous Products of Decomposition</strong></td>
<td><strong>Component A and B:</strong> Hazardous carbon oxides and sulphur oxides formed under fire conditions.</td>
</tr>
<tr>
<td></td>
<td><strong>Component C:</strong> Hazardous carbon oxides, nitrous oxides, and sulphur oxides formed under fire conditions.</td>
</tr>
<tr>
<td></td>
<td><strong>Component D:</strong> NA</td>
</tr>
<tr>
<td></td>
<td><strong>Component E:</strong> Hazardous carbon oxide and sulphur oxide products are formed under fire conditions.</td>
</tr>
<tr>
<td></td>
<td><strong>Component F:</strong> NA</td>
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</table>
### 11. Toxicological Information

#### RTECS Number

<table>
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<tr>
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<th>RTECS Number</th>
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<tbody>
<tr>
<td>A</td>
<td>PV6210000</td>
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<tr>
<td>B</td>
<td>PV6210000</td>
</tr>
<tr>
<td>C</td>
<td>Proprietary</td>
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<td>D</td>
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<td>E</td>
<td>EK1610000</td>
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<tr>
<td>F</td>
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#### Toxicity

*Component A and Component B contain DMSO.*

**For DMSO**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD&lt;sub&gt;50&lt;/sub&gt;</td>
<td>14,500 mg/kg</td>
</tr>
<tr>
<td>Inhalation LC&lt;sub&gt;50&lt;/sub&gt;</td>
<td>40250 ppm</td>
</tr>
<tr>
<td>Dermal LD&lt;sub&gt;50&lt;/sub&gt;</td>
<td>&gt;5,000 mg/kg</td>
</tr>
</tbody>
</table>

**Component C**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral – mouse</td>
<td>2,900 mg/kg</td>
</tr>
<tr>
<td>Oral – rabbit</td>
<td>5 g/kg</td>
</tr>
<tr>
<td>Dermal – rabbit</td>
<td>&gt;10,000 mg/kg</td>
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</tbody>
</table>

**Component D**

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral – rat</td>
<td>1,288 mg/kg</td>
</tr>
<tr>
<td>Inhalation – rat</td>
<td>&gt;3,900 mg/m&lt;sub&gt;3&lt;/sub&gt;</td>
</tr>
<tr>
<td>Dermal – rabbit</td>
<td>580 mg/kg</td>
</tr>
</tbody>
</table>

**Component E**

Not available

**Component F**

Not available

#### Health Hazards

No data available

#### Potential Hazards

**Potential Health Effects**

**Component C**

*Inhalation:* May be harmful if inhaled. Causes respiratory tract irritation.

*Skin:* May be harmful if absorbed through skin. Causes skin irritation.

*Eyes:* Causes eye irritation.

*Ingestion:* May be harmful if swallowed.

*Target Organs:* Kidney, Liver
### Component D

**Inhalation**: May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion**: Harmful if swallowed.

**Skin**: Toxic if absorbed through skin. Causes skin irritation.

**Eyes**: Causes eye irritation.

### Component E

**Inhalation**: May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion**: Toxic if swallowed.

**Skin**: May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**: Causes eye irritation.

### Component F

**Inhalation**: May be harmful if inhaled. Causes respiratory tract irritation.

**Skin**: May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**: Causes eye irritation.

**Ingestion**: May be harmful if swallowed.

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
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</thead>
<tbody>
<tr>
<td>OSHA Permissible Exposure Limit (PEL)</td>
<td>No data available</td>
</tr>
<tr>
<td>Data</td>
<td></td>
</tr>
<tr>
<td>ACGIH Threshold Limit Values (TLV)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### 12. Ecological Information
For Dimethyl sulfoxide (DMSO) CAS-No. 67-68-5 (Component A and B)

Toxicity
Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 34,000 mg/l - 96 h
LC50 - Oncorhynchus mykiss (rainbow trout) - 35,000 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates. EC50 - Daphnia pulex (Water flea) - 27,500 mg/l
Toxicity to algae EC50 - Lepomis macrochirus (Bluegill) - > 400,000 mg/l - 96 h

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

PBT and vPvB assessment
No data available

Other adverse effects
No data available

Component C
No data available

Component D
Toxicity
Toxicity to fish mortality NOEC - Oncorhynchus mykiss (rainbow trout) - 19.5 mg/l - 96 h
mortality LOEC - Pimephales promelas (fathead minnow) - 4.6 mg/l - 8 d
LC50 - Oncorhynchus mykiss (rainbow trout) - 3.6 mg/l - 96 h
Toxicity to algae Growth inhibition LOEC - Pseudokirchneriella subcapitata - 2.68 mg/l - 6 d

Persistence and degradability
No data available

Bioaccumulative potential
Bioaccumulation Cyprinus carpio (Carp) - 72 h
Bioconcentration factor (BCF): 3.9 - 5.3

Mobility in soil
No data available

PBT and vPvB assessment
No data available

Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

Component E
No data available

Component F:
No data available
13. Disposal Considerations

For Dimethyl sulfoxide (DMSO) CAS-No. 67-68-5 (Component A and B)
This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**
Dispose of as unused product.

For Component C
Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**
Dispose of as unused product.

For Component D
Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**
Dispose of as unused product.

For Component E
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**
Dispose of as unused product.

For Component F
**Contaminated packaging**
Dispose of as unused product.

14. Transport Information: IATA Exempted quantities labeling

<table>
<thead>
<tr>
<th></th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>N/A</td>
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<tr>
<td>Hazard Class</td>
<td>N/A</td>
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<tr>
<td>Identification Number</td>
<td>N/A</td>
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<tr>
<td>Packing Group</td>
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<tr>
<td>Proper Shipping Name (DOT)</td>
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</table>
### 15. Regulatory information

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Component A</th>
<th>Component B</th>
<th>Component C</th>
<th>Component D</th>
<th>Component E</th>
<th>Component F</th>
</tr>
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<td><strong>California Proposition 65:</strong></td>
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<td><strong>US TSCA (Toxic Substance Control Act):</strong></td>
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<td><strong>US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):</strong></td>
<td>Component A: 261.33 8(d).</td>
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<td><strong>US SARA Title III</strong></td>
<td>Component A</td>
<td>SARA 302 components: N/A</td>
<td>SARA 313 components: N/A</td>
<td>SARA 311/312 Hazards: Fire Hazard, Chronic Health Hazard</td>
<td>Component B</td>
<td>SARA 302 components: N/A</td>
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### US Clean Air Act:
Component A, B, C, D, E and F

*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, D, E and F

*Listed under “Hazardous Substances”: Not listed*
*Listed under “Priority Pollutants”: Not listed*
*Listed under “Toxic Pollutants”: Not listed*

### US States: Right-to-Know: Listed in the following States:

<table>
<thead>
<tr>
<th>Component A:</th>
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<th>Component D:</th>
<th>Component E:</th>
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### 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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AnaSpec Inc.
34801 Campus Drive, Fremont, CA 94555
Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573