Safety Data Sheet (SDS)

Revision Number: 1.1	Last updated: April 2015
1. Product and Company Iden	fication
Product Name:	SensoLyte [®] 390 Cathepsin D Assay Kit *Fluorimetric*
Manufacturer/Supplier:	AnaSpec, Inc.

34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com Catalog Number AS-72098 Unit Size 1 kit 2. Hazards Identification Emergency: Overview: GHS Hazard Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazards GHS Health and Environmental Hazards Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements: Component S: Component A,B,E: - None		www.anaspec.com
Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com Catalog Number AS-72098 Unit Size 1 kit 2. Hazards Identification Emergency Overview: GHS Hazard Classification: GHS Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component C,D: Irritant to eyes and skin Component S: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GMS Precautionary Statements:		34801 Campus Drive
Fax: 510-791-9572 Email: service@anaspec.com Catalog Number AS-72098 Unit Size 1 kit 2. Hazards Identification		Fremont, CA 94555
Email: service@anaspec.com Catalog Number AS-72098 Unit Size 1 kit 2. Hazards Identification		Tel: 510-791-9560
Catalog Number AS-72098 Unit Size 1 kit 2. Hazards Identification Emergency Overview: GHS Hazard Classification: GHS Hazard Classification: GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component C,D: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		Fax: 510-791-9572
Unit Size 1 kit 2. Hazards Identification Emergency Overview: GHS Hazard Classification: GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component C,D: Irritant to eyes and skin Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		Email: <u>service@anaspec.com</u>
2. Hazards Identification Emergency Overview: GHS Hazard Classification: GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:	Catalog Number	AS-72098
Emergency Overview: GHS Hazard Classification: GHS Hazard Classification: GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component C,D: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:	Unit Size	1 kit
Emergency Overview: GHS Hazard Classification: GHS Hazard Classification: GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component C,D: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:	2 Hozords Idon	tification
GHS Hazard Classification: GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component C,D: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		
 GHS Physical Hazards Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements: 		
Component A,B,E: Flammable liquid (Category 4) Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		
Component C,D: Acute toxicity, Oral (Category 5) Acute toxicity, Inhalation (Category 5), skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous GHS Health and Environmental Hazards Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		
skin irritation (Category 3), Eye irritation (Category 2B) Component F: Not Hazardous <i>GHS Health and Environmental Hazards</i> Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation <i>GHS Signal Words:</i> All Components: Warning <i>GHS Hazard Statements:</i> Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation <i>GHS Precautionary Statements:</i>		
Component F: Not Hazardous GHS Health and Environmental Hazards Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		
Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:		
Component A,B,E,F: Irritant to eyes and skin Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:	CHS Health and	Environmental Hazarda
Component C,D: Irritant to eyes and skin, acute toxicity, oral and by inhalation GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:	GHS Healin ana	
 GHS Signal Words: All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements: 		
All Components: Warning GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements:	CHS Signal Wor	
 GHS Hazard Statements: Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation GHS Precautionary Statements: 	OIIS Signai Word	
Component A,B,E: H227 Combustible liquid Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation <i>GHS Precautionary Statements:</i>	GHS Hazard Stat	
Component C,D: H303 + H333 May be harmful if swallowed or if inhaled, H316 Causes mild skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation <i>GHS Precautionary Statements:</i>	CIIS IIu.ur a Stat	
skin irritation, H320 Causes eye irritation Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation <i>GHS Precautionary Statements:</i>		
Component F: H303 May be harmful if swallowed, H315 Causes skin irritation, H319 Causes serious eye irritation <i>GHS Precautionary Statements:</i>		
serious eye irritation GHS Precautionary Statements:		
GHS Precautionary Statements:		
	GHS Precaution	•
	ciis i recumon	•

Component C,D: 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 F: P305 +P351 +P38 -IF NEYS: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy told. Continue rinsing P37 +P31 -If eye irritation persist: Get medical advice/attention P32 +P31 -If skin irritation occurs: Get medical advice/attention P264 -Wash hands thoroughly after handling P280 -Wear protective gloves/protective clothing/eye protection/face protection P362 -Take of contaminated clothing and wash before use

HMIS Classification:

Component A:	Component B:	Component C:	Component D:	Component E:	Component F:
Health hazard: 0	Health hazard: 0	Health hazard: 1	Health hazard: 1	Health hazard: 0	Health hazard: 1
Flammability: 2	Flammability: 2	Flammability: 1	Flammability: 1	Flammability: 2	Flammability: 0
Physical hazards: 0					

NFPA Rating:

Component A:	Component B:	Component C:	Component D:	Component E:	Component F:
Health hazard: 0	Health hazard: 0	Health hazard: 1	Health hazard: 1	Health hazard: 0	Health hazard: 1
Fire: 2	Fire: 2	Fire: 1	Fire: 1	Fire: 2	Fire: 0
Reactivity hazard: 0					

3. Composition / Information on Ingredients

Ingredients/Components:		
Chemical Name:	Description	CAS Number:
Component A	Contains DMSO	67-68-5
Component B	Contains DMSO	67-68-5
Component C	Proprietary (contains 0.01% of Triton	NA
	X-100	
Component D	Proprietary (contains 0.01% of Triton	NA
	X-100	
Component E	Contains DMSO	67-68-5
Component F	1 M DTT solution	16096-97-2

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,E**

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.
- Eves: Flush eyes with water as a precaution.

Component C.D

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.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Eves:

Component F

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.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a phys

5. Fire Fighting Measures

Extinguishing media:	Component A, B and E: For small fires, use alcohol resistant foam, dry
	chemical, or carbon dioxide. For large fires, use water spray from a safe
	distance.
	Component C and D: Use water spray, alcohol-resistant foam, dry
	chemical or carbon dioxide.
	Component F: Use water spray, alcohol-resistant foam, dry chemical or
	carbon dioxide.
Special firefighting procedures:	Component A, B and E: Fire fighters should wear positive pressure self-
	contained breathing apparatus (SCBA) and full turnout gear.
	Component C, D and F: Wear self-contained breathing apparatus (SCBA)
	if necessary.
Unusual fire and explosions hazards:	Component A, B and E: 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 and D: Hazardous carbon oxides and sodium oxides formed
	under fire conditions.
	Component F: Hazardous carbon oxides and sulphur oxides formed under
	fire conditions.

6. Accidental Release Measures

Containment and spill response	 Component A, B and E: 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 and D: Do not let material enter drains. Keep in suitable, closed container for disposal. Component F: Keep in suitable, closed container for disposal. Do not let material
	Component F: Keep in suitable, closed container for disposal. Do not let material enter drains.
PPE	Use personal protective equipment

7 . Handling and Storage

Component A, B and E:

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 and D:

Handling: Avoid contact with skin and eyes.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Component F:

Handling: Avoid contact with skin and eyes.

Storage: Store in a tightly closed container in a dry place at -20C.

8. Exposure Controls / Personal Protection

Engineering controls	Component A, B, E and F: Facilities storing and using this material should be equipped
	with a safety shower and eyewash station. Adequate ventilation should also be present.
	Component C and D: Not applicable.
PPE	Components A, B, C, D, E and F:
	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 (EN166)

9. Physical and Chemical Properties

Liquid
Not determined
Soluble
Not determined
Component C –3.5
Component D -3.5
Not determined

10.Stability and Reactivity

10.5tability and Reactivity	10.5tability and Reactivity		
Thermal Decomposition	Not applicable		
Dangerous Products of Decomposition	Not applicable		
Dangerous Reactions	Not applicable		
11.Toxicological Information			
RTECS Number	Component A: PV6210000		
	Component B: PV6210000		
	Component C: N/A		

	Component D: N/A
	Component E: PV6210000
	Component F: EK1612000
Toxicity	Components A, Component B and Component E contain DMSO.
Τοχιζιμ	For DMSO
	Oral LD50
	LD50 Oral - rat - 14,500 mg/kg
	Inhalation LC50
	LC50 Inhalation - rat - 4 h - 40250 ppm
	Dermal LD50
	LD50 Dermal - rabbit - > 5,000 mg/kg
	Components C and D:
	Oral LD50 - rat - 3,530 mg/kg
	Inhalation LC50 - rat - 1 h - > 30,000 mg/m3
	Dermal LD50 - rabbit - > 10,000 mg/kg
	Skin - rabbit - Mild skin irritation - 24 h
	Eyes - rabbit - Mild eye irritation
	Component F
	LD50 Intraperitoneal – mouse - 179 mg/kg
Health Hazards	No data available
Potential Hazards	Potential Health Effects
	Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
	Ingestion : Harmful if swallowed.
	Skin: May be harmful if absorbed through skin. May cause skin irritation.
	Eyes: Causes eye irritation.
	Aggravated Medical Condition: Avoid contact with DMSO solutions containing toxic
	materials or materials with unknown toxicological properties. Dimethyl sulfoxide is
	readily absorbed through skin and may carry such materials into the body.
Carcinogenicity:	No data available
OSHA Permissible Exposure Limit(PEL)	No data available
Data	
ACGIH Threshold Limit Values (TLV)	No data available
12. Ecological Information	

For Dimethyl sulfoxide (DMSO) CAS-No. 67-68-5 (Component A, B and E contain DMSO) 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 Components C and D Toxicity Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 186 mg/l - 96 h LC50 - Lepomis macrochirus (Bluegill) - 1,294.6 mg/l - 96 h NOEC - Pimephales promelas (fathead minnow) - 4,000 mg/l - 7 d Toxicity to daphnia and other aquatic invertebrates. NOEC - Daphnia - 1,500 mg/l - 7 d LC50 - Daphnia magna (Water flea) - 1,000 mg/l - 48 h **Component F** Toxicity No data available Components A, B, C, E and F 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 **13. Disposal Considerations** For Components A, B, C, D, E and F 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. 14. Transport Information: UN Number N/A Hazard Class N/A Identification Number N/A

N/A

N/A

Packing Group

Proper Shipping Name (DOT)

15. Regulatory information		
California Proposition 65:	N/A	
US TSCA (Toxic Substance Control Act):	Component A,B,C,D,E: Listed	+
	Component F: Not Listed	
US CERCLA (Comprehensive Environmental Response,	Component A, B, C, D, E: 261.33 8(d).	
Compensation, and Liability Act:	Component F: Not listed	
US SARA Title III	Component A,B,E	
	SARA 302 components: N/A	
	SARA 313 components: N/A	
	SARA 311/312 Hazards: Fire Hazard, Chronic Health Hazard	
	Component C,D	
	SARA 302 components: N/A	
	SARA 313 components: N/A	
	SARA 311/312 Hazards: N/A	
	Component F	
	SARA 302 components: N/A	
	SARA 313 components: N/A	
	SARA 311/312 Hazards: Acute Health Hazard	
US Clean Air Act:	Component A, B, C, D, E and F	1
	Listed under Hazardous Air Pollutants: Not listed	
	Listed under Class 1 Ozone Depletors: Not listed	
	Listed under Class 2 Ozone Depletors: Not listed	
	Components A, B, C, D, E and F	
US Clean Water Act:	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:

Component A,B,E:	Component C,D:	Component F:	
Pennsylvania	Pennsylvania	Pennsylvania	
Revision Date 2007-03-01 67-68-5	Revision Date 2007-03-01	Revision Date CAS#16096-97-2	
New Jersey			
Revision Date		New Jersey	
2007-03-01 67-68-5	New Jersey Revision Date 2007-03-01	Revision Date CAS#16096-97-2	
Massachusetts	Massachusetts	Massachusetts	
N/A	Revision Date 2007-03-01	N/A	

European/International Regulations:

	Component A,B,E:	Component C,D:	Component F:
EC EINICS	200-664-3	N/A	240-263-0
EC Risk statements	36/37/38	36/37/38	36/37/3822
WGK	1	3	N/A
Canada-DSL/NDSL	Listed	Listed	Not Listed
Canada-WHMIS classification	D2B	D2B	D1B, D2B
Canada-Canadian Ingredient Disclosure List	Listed	Not Listed	Not listed

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.