

Safety Data Sheet (SDS)

Revision Number: 2.0	Last updated: Sep 24, 2020
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1. Product and Company Identification

Product Name:	West Nile Virus NS3 Protease, recombinant
Manufacturer/Supplier:	AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com
Catalog Number	AS-72081-5, AS-72081-100
Unit Size	5 µg, 100 µg

2. Hazards Identification

Emergency Overview:

GHS Hazard Classification:	Non-hazardous
GHS Physical Hazards:	None
GHS Health and Environmental Hazards:	None
GHS Signal Words:	None
GHS Hazard Statements:	None
GHS Precautionary Statements:	None
HMIS Classification:	

Health hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating:

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

3. Composition / Information on Ingredients

Ingredients/Components:

Chemical Name:	Description	CAS Number:
WNV NS3 Protease, recombinant	WNV NS3 Protease, recombinant, in 25 mM Tris-HCl, pH 7.5, 150 mM NaCl	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.

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.

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5) Fire Fighting Measures

<i>Extinguishing media:</i>	Not Applicable
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<i>Special firefighting procedures:</i>	Not Applicable
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<i>Unusual fire and explosions hazards:</i>	Not applicable
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6. Accidental Release Measures

<i>Containment and spill response</i>	Keep in suitable, closed containers for disposal. Do not let material enter drains.
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<i>PPE</i>	Use personal protective equipment
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7. Handling and Storage

Handling: Avoid contact with skin and eyes. Normal measures for preventive fire protection.

Storage: Store at -80 °C

8. Exposure Controls / Personal Protection

<i>Engineering controls</i>	None
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<i>PPE</i>	None
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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>	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

10. Stability and Reactivity

<i>Thermal Decomposition</i>	Not applicable
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<i>Dangerous Products of Decomposition</i>	Not Applicable
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<i>Dangerous Reactions</i>	Not Applicable
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11. Toxicological Information

<i>RTECS Number</i>	NA
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<i>Toxicity</i>	<i>Not identified</i>
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<i>Health Hazards</i>	<i>No data available</i>
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<i>Potential Hazards</i>	May cause skin irritation. May cause eye irritation. May be harmful if swallowed
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	May be harmful if absorbed through skin.
<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
<u>12. Ecological Information</u>	
Toxicity <i>Toxicity to daphnia and other aquatic invertebrates. EC50 -</i> No data available <i>Persistence and degradability :</i> No data available <i>Bio accumulative potential:</i> No data available <i>Mobility in soil:</i> No data available <i>PBT and vPvB assessment:</i> No data available <i>Other adverse effects:</i> No data available	
<u>13. Disposal Considerations</u>	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging Dispose of as unused product.	
<u>14. Transport Information:</u> IATA Exempted quantities labeling	
<u>15. Regulatory information</u>	
<i>California Proposition 65:</i> Not Listed <i>US TSCA (Toxic Substance Control Act):</i> Not Listed <i>US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):</i> Not Listed <i>US SARA Title III (Superfund Amendments and Reauthorization Act):</i> Not Listed <i>US Other:</i> Not listed <i>EC EINECS (European Inventory of Existing Commercial Chemical Substances) Number:</i> Not Listed <i>EC Risk Statements:</i> Not Determined <i>Other Country Regulations:</i> Not Determined	
<u>16. Other Information</u>	
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.	