

Zanamivir : sc-208495



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1

Chemical Name Zanamivir

Synonyms 5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-D-glycero-D-galacto-non-2-enonic Acid; GANA; 4-Guanidino-2,4-dideoxy-2,3-dehydro-N-acetylneuraminic Acid; 4-Guanidino-Neu5Ac2en; GR 121167X; Relenza; Zanamir;

Catalogue # sc-208495

Cas Reg. No 139110-80-8

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Emergency ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

Section 2 - Hazardous Ingredients/Identity Information

The toxicological properties of this compound have not been thoroughly tested. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	White Solid
Vapor Pressure	N/A	Specific Gravity(H₂O=1)	N/A
Vapor Density	N/A	Melting Point	>245°C (dec.)
Solubility in Water	yes	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	Stable	Incompatibility (Materials to Avoid)	strong oxidizing agents
Conditions to Avoid	strong oxidizers		
Hazardous Decomposition or Byproducts	toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides	Hazardous Polymerization	will not occur

Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	hood
Protective Gloves	chemical resistant gloves	Eye Protection	safety goggles
Other Protective Clothing	lab coat/apron	Other Protection	eye safety wash

Section 6 - First Aid Measures

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Skin	In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion	Wash out mouth with water provided person is conscious. Call a physician immediately.
Eyes	In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Influenza viral neuraminidase inhibitor; structural analog of the sialic acid. Antiviral.

<i>Medical Conditions Generally Aggravated by Exposure</i>	The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.
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Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	Wear appropriate chemical resistant apparel. Evacuate area. Avoid raising dust during clean-up. Absorb on sand or vermiculite and place in closed containers for disposal.
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<i>Waste Disposal Method</i>	Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.
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<i>Precautions to Be Taken in Handling and Storage</i>	Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel. Do not breath vapour. Wash thoroughly after handling. Remove and wash contaminated clothing. Store in a cool dry place.
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Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	Carbon Dioxide, dry powder or foam
<i>Special Fire Fighting Procedures</i>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<i>Unusual Fire and Explosion Hazards</i>	Emits toxic fumes under fire conditions.

Section 10 - Transportation Information and regulatory information

Transportation Information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

9/23/2010