



# Bayville Chemical Supply Company Inc.

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## SAFETY DATA SHEET

### Emtricitabine

#### **1. PRODUCT AND COMPANY IDENTIFICATION**

##### **Product identifier**

Product name: Emtricitabine  
CAS No.: 143491-57-0

##### **Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Laboratory chemicals, manufacture of substances.

##### **Details of the supplier of the safety data sheet**

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70-G East Jefryn Boulevard  
Deer Park, NY 11729 USA

Telephone: 631-586-4309

Fax: 631-254-5591

##### **Emergency telephone number**

CHEMTEL: (800) 255-3924 or 813-248-0585

#### **2. HAZARDS IDENTIFICATION**

##### **Classification of the substance or mixture**

Not a hazardous substance or mixture.

##### **GHS Label elements, including precautionary statements**

Not a hazardous substance or mixture.

**Other hazards:** None.

#### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

##### **Substances**

Synonyms: 4-amino-5-fluoro-1-[(2R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone

Formula:  $C_8H_{10}FN_3O_3S$

Molecular Weight: 247.25

CAS No.: 143491-57-0

#### **4. FIRST AID MEASURES**

##### **Description of first aid measures**

**Eye contact:** Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

**Skin contact:** Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

**Inhalation:** Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

**Ingestion:** Wash out mouth with water; Do NOT induce vomiting; call a physician.

**Most important symptoms and effects, both acute and delayed:** The most important known symptoms and effects are described in the labelling (see section 2).

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## **5. FIRE FIGHTING MEASURES**

### **Extinguishing media**

**Suitable extinguishing media:** Use water spray, dry chemical, foam, and carbon dioxide fire extinguisher.

**Special hazards arising from the substance or mixture:** During combustion, may emit irritant fumes.

**Advice for firefighters:** Wear self-contained breathing apparatus and protective clothing.

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:** Use full personal protective equipment. Avoid breathing vapors, mist, dust or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Refer to protective measures listed in sections 8.

**Environmental precautions:** Try to prevent further leakage or spillage. Keep the product away from drains or water courses.

**Methods and materials for containment and cleaning up:** Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); Decontaminate surfaces and equipment by scrubbing with alcohol; Dispose of contaminated material according to Section 13.

## **7. HANDLING AND STORAGE**

**Precautions for safe handling:** Avoid inhalation, contact with eyes and skin. Avoid dust and aerosol formation. Use only in areas with appropriate exhaust ventilation.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.

Recommended storage temperature: Store at -20°C.

**Specific end use(s):** No data available.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

**Components with workplace control parameters:** This product contains no substances with occupational exposure limit values.

### **Exposure controls**

**Engineering controls:** Ensure adequate ventilation. Provide accessible safety shower and eye wash station.

### **Personal protective equipment**

**Eye protection:** Safety goggles with side-shields.

**Hand protection:** Protective gloves.

**Skin and body protection:** Impervious clothing.

**Respiratory protection:** Suitable respirator.

**Environmental exposure controls:** Keep the product away from drains, water courses or the soil.

Clean spillages in a safe way as soon as possible.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

<b>Appearance:</b>	Solid crystalline powder
<b>Odor:</b>	No data available
<b>Odor threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Melting/freezing point:</b>	No data available
<b>Boiling point/range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapor pressure:</b>	Negligible
<b>Vapor density:</b>	No data available
<b>Relative density:</b>	No data available
<b>Water solubility:</b>	49 mg/mL
<b>Partition coefficient:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidizing properties:</b>	No data available
<b>Other safety information:</b>	No data available

## **10. STABILITY AND REACTIVITY**

**Reactivity:** No data available.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No data available.

**Conditions to avoid:** No data available.

**Incompatible materials:** Strong acids/alkalis, strong oxidizing/reducing agents.

**Hazardous decomposition products:** Under fire conditions, may decompose and emit toxic fumes.

Other decomposition products: no data available.

## **11. TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

**Acute toxicity:** Classified based on available data. For more details, see section 2.

**Skin corrosion/irritation:** Classified based on available data. For more details, see section 2.

**Serious eye damage/irritation:** Classified based on available data. For more details, see section 2.

**Respiratory or skin sensitization:** Classified based on available data. For more details, see section 2.

**Germ cell mutagenicity:** Classified based on available data. For more details, see section 2.

### **Carcinogenicity:**

IARC: No component of this product present at a level equal to or greater than 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by ACGIH.

NTP: No component of this product present at a level equal to or greater than 0.1% is identified as an anticipated or confirmed carcinogen by NTP.

OSHA: No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by OSHA.

**Reproductive toxicity:** Classified based on available data. For more details, see section 2.  
**Specific target organ toxicity - single exposure:** Classified based on available data. For more details, see section 2.  
**Specific target organ toxicity - repeated exposure:** Classified based on available data. For more details, see section 2.  
**Aspiration hazard:** Classified based on available data. For more details, see section 2.

## **12. ECOLOGICAL INFORMATION**

**Toxicity:** No data available.  
**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available.  
**Mobility in soil:** No data available.  
**Results of PBT and vPvB assessment:** PBT/vPvB assessment unavailable as chemical safety assessment not required or not conducted.  
**Other adverse effects:** No data available.

## **13. DISPOSAL CONSIDERATIONS**

### **Waste treatment methods**

**Product:** Dispose substance in accordance with prevailing country, federal, state and local regulations.

**Contaminated packaging:** Conduct recycling or disposal in accordance with prevailing country, federal, state and local regulations.

## **14. TRANSPORT INFORMATION**

### **DOT (US)**

This substance is considered to be non-hazardous for transport.

### **IMDG**

This substance is considered to be non-hazardous for transport.

### **IATA**

This substance is considered to be non-hazardous for transport.

## **15. REGULATORY INFORMATION**

### **SARA 302 components:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313 components:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 hazards:** No SARA Hazards.

### **Massachusetts Right to Know components:**

No components are subject to the Massachusetts Right to Know Act.

### **Pennsylvania Right to Know components:**

No components are subject to the Pennsylvania Right to Know Act.

### **New Jersey Right to Know components:**

No components are subject to the New Jersey Right to Know Act.

### **California Prop. 65 components:**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**16. Further information**

Information contained in this material safety data sheet is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this Company or others covering any process, composition of matter or use. Since the Company shall have no control of the use of the product described herein, the company assumes no liability for loss or damage incurred from the proper or improper use of such product.

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