



# Safety Data Sheet

AccuType Viral Isolates

SDS-ATYP-01

Rev. Number: 3 Rev. Date: Jul 12, 2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
ACCUTYPE HIV1 RNA CRF02-AG LIB POC44951	0400-0076
ACCUTYPE HIV1 RNA B THAILAND BK132	0400-0077
ACCUTYPE HIV1 RNA B USA US1	0400-0078
ACCUTYPE HIV1 RNA C DIJBOUTI DJ259	0400-0079
ACCUTYPE HIV1 RNA C UNK I-2516	0400-0080
ACCUTYPE HIV1 RNA D SENEGAL SE365	0400-0082
ACCUTYPE HIV1 RNA CRF01-AE THAI POC30506	0400-0084
ACCUTYPE HIV1 RNA F BRAZIL BZ126	0400-0085
ACCUTYPE HIV1 RNA G KENYA HH8793	0400-0088
ACCUTYPE HIV1 RNA O CAMEROON BCF11	0400-0091
Heat Inactivation of HIV Cult Sup	0425-0015
HIV1 LAV 8E5 Virus 1.0ML BTL PN 227	1820-0051
HIV1 LAV 8E5 Virus 10.0ML BTL PN 227	1820-0052
HIV1 LAV 8E5 Virus 3.0ML BTL PN 227	1820-0053
HIV1 LAV 8E5 Virus 30.0ML BTL PN 227	1820-0054

### Hazardous Reagent

None

### Hazardous Reagent Product code

None

### Recommended Use:

Reference Reagent

### Contact Manufacturer:

SeraCare Life Sciences  
37 Birch Street  
Milford, MA 01757

### Phone #:

(508) 244-6400  
US Toll Free: (800) 676-1881

### Fax #:

(508) 634-3394

### Web:

www.seracare.com

### Email:

customerservice@seracare.com

### Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION  
CENTER

Telephone: 13 11 26 - Hours: 24 hours

CANADIAN TRANSPORT EMERGENCY  
CENTER

Telephone: (1 ) 613 996 6666 - Hours: 24 hours/day, 7 days/week

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UK – THE NATIONAL FOCUS

Telephone: (44) 029 2041 6388 - Hours: 09:00-17:00 GMT

USA - NATIONAL RESPONSE CENTER

Telephone: (1 ) 800 424 8802 - Hours: 24 hours/day, 7 days/week

**CHEMTREC:**

CHEMTREC Customer Number:- CCN12505\*

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 CCN12505 or

+1 703-527-3887 (collect calls accepted)

**2. HAZARD IDENTIFICATION****Hazard Type**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS): The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment.

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)****GHS Classification**

Not Applicable:

The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment as per: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

In accordance Regulation (EC) No 1272/2008, this product is not classified.

**Hazard Statements:**

Not applicable

**Precautionary Statements:**

Not applicable

**Symbols and Indications of Danger:**

Not applicable

**Principle Route of Exposure:**

Not Applicable

**Acute Effects: Eye**

May aggravate pre-existing condition

**Acute Effects: Skin:**

Not Available

**Acute Effects: Inhalation:**

Not Available

**Acute Effects: Ingestion:**

Not Available

**Chronic Effects:**

Not Available

**Additional Information:**

Not Available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>Chemical</u>	<u>% Weight</u>	<u>CAS #:</u>	<u>Classification according to EC No. 1272/2008 and GHS - US</u>
	RPMI Cell Culture Media	79.8%	N/A	Not Classified
	Fetal Bovine Serum	20%	N/A	Not Classified
	Gentamicin	<0.1%	1405-41-0	Reps. Sens. 1, H334 Skin Sens. 1, H317
	Interleukin-2	<0.1%	N/A	Not Classified

#### 4. FIRST AID MEASURES

<b>General Advice:</b>	Wash contaminated clothing before re-use.
<b>Oral Exposure:</b>	Avoid swallowing material. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water. Seek medical attention
<b>Inhalation Exposure:</b>	If inhaled, remove to fresh air. If breathing becomes, call a physician.
<b>Skin Exposure:</b>	In case of contact, immediately wash the contact area thoroughly with soap and large amounts of water. Seek medical attention.
<b>Eye Exposure:</b>	Immediately flush eyes with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Obtain medical attention if redness, pain, or irritation occurs.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Use extinguishing media appropriate for surrounding fire.
<b>Unusual Fire and Explosive Hazards:</b>	None
<b>Flash Point:</b>	Not Available
<b>Auto ignition Temperature:</b>	Not Available
<b>Flammability Statement:</b>	Product is not flammable
<b>Specific hazards arising from the chemical:</b>	None; hazard reactions will not occur under normal conditions
<b>Protective equipment and precautions for firefighters:</b>	Not Available

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid prolonged contact with eyes, skin and clothing
<b>Environmental Precautions:</b>	Prevent entry to sewers and public waters.
<b>Method of Containment:</b>	Keep in suitable, closed containers for disposal.
<b>Methods of Clean-up:</b>	Contain spills. Absorb the spill using materials and decontaminate the spill with a 10% bleach solution or other germicidal. Dispose of materials in accordance with local, state and federal regulations. Wash the spill area after material pick-up and decontamination is complete.
<b>Other Information:</b>	Not Available

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Use the Centers for Disease Control (CDC) recommended universal precautions when handling this product. Do not eat, drink or smoke in areas where product is being handled. Wear appropriate personal protective equipment including gloves, safety glasses and lab coat to avoid exposure.
<b>Storage:</b>	Store as labeled.

#### 8. EXPOSURE CONTROL

<b>Respiratory Protection:</b>	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear protective respiratory protection.
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<b>Eye Protection:</b>	Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards.
<b>Skin Protection:</b>	Wear protective gloves.
<b>Body Protection</b>	Wear suitable protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Control of Environmental Exposure:</b>	Do not allow product to be released into the environment.
<b>Appropriate engineering controls:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke during use. Emergency eye wash stations and safety showers should be available in the immediate vicinity of any potential exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Slightly cloudy, colorless
<b>Physical State:</b>	Liquid
<b>Odor:</b>	Not Available
<b>Odor Threshold:</b>	Not Available
<b>pH:</b>	6.0 – 8.0
<b>Boiling Point:</b>	Not Available
<b>Evaporation Rate:</b>	Not Available
<b>Vapor Density:</b>	Not Available
<b>Vapor Pressure:</b>	Not Available
<b>Relative Density:</b>	Not Available
<b>Auto-Ignition Temperature:</b>	Not Available
<b>Water Solubility:</b>	Dilutable
<b>Flammability:</b>	Not Available
<b>Flash Point:</b>	Not Available
<b>Viscosity:</b>	Not Available
<b>Oxidizing Properties:</b>	Not Available
<b>Explosive Properties:</b>	Not Available
<b>Additional Parameters:</b>	See Datasheet/Product Insert for other Product Information.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	None.
<b>Incompatibility Materials to Avoid:</b>	None.
<b>Hazardous Decomposition Products:</b>	None.

**Hazardous Polymerization:** Will not occur  
**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

## 11. TOXICOLOGY MEASURES

### Acute Toxicity

**The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.**

#### Gentamicin, sulfate salt (1405-41-0)

LD50 Oral Rat: >5 g/kg  
 LD50 Dermal: No Data Available  
 LC50 Inhalation: No Data Available

### Chronic Toxicity

**Carcinogenicity:** There are no known carcinogenic chemicals in this product.  
**Irritation:** No Data Available  
**Corrosivity:** No Data Available  
**Sensitization:** No Data Available  
**Neurological Effects:** No Data Available  
**Mutagenic Effects:** No Data Available  
**Reproductive Effects:** No Data Available  
**Developmental Effects:** No Data Available  
**Target Organ Effects:** No Data Available  
**Other adverse effects:** Not Available

## 12. ECOLOGICAL MEASURES

**Ecotoxicity:** Not Available  
**Persistence/Degradability:** Not Available  
**Mobility in Environmental Media:** Not Available  
**Bioaccumulation/Accumulation:** Not Available

## 13. DISPOSAL MEASURES

**Waste Disposal Method:** Decontamination of excess material using a 10% solution of bleach is recommended. Dispose and treat as biohazardous waste. Dispose of waste material in accordance with all local, regional, national, and international regulations.  
**Contaminated Packaging:** Dispose and treat as biohazardous waste. Dispose of waste material in accordance with all local, regional, national, and international regulations.  
**US EPA Waste Number:** Not Available

## 14. TRANSPORTATION MEASURES

<b>DOT:</b>	Not classified as dangerous goods
<b>IATA:</b>	Not classified as dangerous goods
<b>ADR (road)/ RID (rail):</b>	Not Available
<b>IMDG (sea):</b>	Not classified as dangerous goods
<b>General Transport Regulations</b>	Not Available

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 (OSHA HCS).**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)**

This product contains no chemicals which are subject to the reporting requirements of the Clean Air Act.

### **State Regulations**

#### **California Proposition 65:**

This product contains the following Proposition 65 chemicals Not Listed

#### **State Right to Know Act**

<b>Chemical Name</b>	Not Applicable
<b>Massachusetts:</b>	Not Applicable
<b>New Jersey:</b>	Not Applicable
<b>Pennsylvania:</b>	Not Applicable
<b>New York:</b>	Not Applicable
<b>Rhode Island:</b>	Not Applicable

#### **International Inventories**

<b>Chemical Name</b>	Not Applicable
<b>TSCAL:</b>	Not Applicable
<b>DSL:</b>	Not Applicable
<b>NDSL:</b>	Not Applicable
<b>EINECS:</b>	Not Applicable

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**CHINA:** Not Applicable  
**KECL:** Not Applicable  
**JAPAN:** Not Applicable  
**AICS:** Not Applicable

**EU Regulations****Annex I Index#:** Not Applicable**Classification:** Not Applicable:

The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment as per:  
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Regulation (EC) No 1272/2008

**Hazard Statements:** Not Applicable**Precautionary Statements:** Not Applicable**Symbols and Indications of** Not Applicable**Danger:****Specific Concentration Limits:** Not Applicable**16. OTHER INFORMATION**

The above information is believed to be accurate, complete and current but does not purport to be all inclusive and shall be used as a guide. SeraCare Life Sciences makes no representation or warranties with respect to the product described herein, including but not limited to any implied warranties or merchantability or fitness for a particular use. SeraCare assumes no liability or responsibility and authorizes no other person to assume any additional liability or responsibility as a result of the use of this product or the information contained in the Safety Data Sheet.