1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code
Various

Product name
AAVPrime™ Adeno-associated virus particles

Contact manufacturer

GeneCopoeia Inc.

9620 Medical Center Drive, Suite 101
Rockville, MD 20850
USA

Phone: 301-762-0888
Toll free: 1-866-360-9531
Fax: 301-762-3888

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components
None

3. HAZARDS IDENTIFICATION

Cultures of replication defective AAV vectors are non-infectious and are not hazardous materials as defined by OSHA 1919.1200. However, these materials are produced in cells where there is the possibility of recombination to form wild type virus. As such, they should be handled as potentially infectious material.

Emergency Overview

The toxicological properties of these chemicals have not been investigated. All materials and mixtures may present unknown hazards and should be used by workers technically qualified to handle potentially hazardous chemicals

Principle Routes of Exposure/
Potential Health effects

Eyes
No information available

Skin
No information available

Inhalation
No information available

Ingestion
No information available

Specific effects

Carcinogenic effects
No information available
Mutagenic effects: No information available
Reproductive toxicity: No information available
Sensitization: No information available

Target Organ Effects: No information available

HMIS

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<tr>
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<tbody>
<tr>
<td>Health</td>
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</tr>
<tr>
<td>Flammability</td>
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<tr>
<td>Reactivity</td>
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4. FIRST AID MEASURES

Skin contact: Wash off immediately with plenty of water
Eye contact: Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion: Never give anything by mouth to an unconscious person
Inhalation: Move to fresh air
Notes to physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical
Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit for firefighters

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Methods for cleaning up: Spill: Contain spill and decontaminate the area using a disinfectant such as chlorine bleach (10% f.c.), Wescodyne, or detergent-based disinfectant.
Waste Disposal: Dispose of viral stock by autoclaving at 121°C for 30-45 minutes
Dispose of infected liquid cultures by decontamination with chlorine bleach (10% f.c.) for 10 minutes and then dispose of in sink.
Dispose of infected animal carcasses or tissues by incineration
Follow all Federal, State, and Local regulations.

7. HANDLING AND STORAGE

Handle as biohazardous material under Biosafety Level 2 containment

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls
**Exposure limits**

**Engineering measures**
Ensure adequate ventilation, especially in confined areas

**Personal protective equipment**

**Respiratory protection**
In case of insufficient ventilation wear suitable respiratory equipment

**Hand protection**
Protective gloves

**Eye protection**
Safety glasses with side-shields

**Skin and body protection**
Lightweight protective clothing

**Hygiene measures**
Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls**
Prevent product from entering drains

**General Information**

**Form**
Liquid

**Important Health Safety and Environmental Information**

<table>
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<th>°F No data available</th>
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<tr>
<td>Melting point/range</td>
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<tr>
<td>Flash point</td>
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<tr>
<td>Autoignition temperature</td>
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<tr>
<td>Water solubility</td>
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</table>

**10. STABILITY AND REACTIVITY**

**Stability**
Stable.

**Materials to avoid**
No information available

**Hazardous decomposition products**
No information available products

**Polymerization**
Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity**

**Principle Routes of Exposure/ Potential Health effects**

<table>
<thead>
<tr>
<th>Route</th>
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<tbody>
<tr>
<td>Eyes</td>
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<tr>
<td>Skin</td>
<td></td>
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<tr>
<td>Inhalation</td>
<td></td>
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<tr>
<td>Ingestion</td>
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</table>

**Specific effects**

<table>
<thead>
<tr>
<th>Effect</th>
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<tbody>
<tr>
<td>Carcinogenic effects</td>
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<td>Reproductive toxicity</td>
<td></td>
</tr>
<tr>
<td>Sensitization</td>
<td></td>
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</tbody>
</table>

**Target Organ Effects**
No information available
12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No information available.
Mobility: No information available.
Biodegradation: Inherently biodegradable.
Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA
Proper shipping name: Not classified as dangerous in the meaning of transport regulations.
Hazard Class: No information available.
Subsidiary Class: No information available.
Packing group: No information available.
UN-No: No information available.

15. REGULATORY INFORMATION

International Inventories

U.S. Federal Regulations
SARA 313
Not regulated.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs:

U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

WHMIS hazard class:
Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all...
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End of Safety Data Sheet