



Date prepared: 3 July 2001

Date revised: N/A (first edition)

## rAVE™ (AAV, serotype 2, recombinant vector)

This MSDS conforms to the U.S. Occupational Health and Safety Administration (OSHA) Hazard Communication Standard (HCS) and American National Standards Institute (ANSI) standard Z400.1-1998

### 1 Commercial product name and supplier

- |     |                                     |   |
|-----|-------------------------------------|---|
| 1.1 | Commercial product name/designation | rAVE gene delivery reagent<br>Synonym: rAAV   |
| 1.2 | Application/use                     | Research Use Only   |
| 1.3 | Producer/ Supplier                  | GENEDETECT.COM LIMITED<br>Suite 4, 209 Taylor Street<br>Blockhouse Bay, Auckland<br>New Zealand<br>Tel. +64 9 353-1320<br>Fax. +64 9 353-1320 |
| 1.4 | TOX emergency phone number          | +64 9 626-6318  |
| 1.5 | Product No.                         | GD100X-RV, where X = 1,2,3,4 or 5   |

### 2 Composition

- |     |                      |  |
|-----|----------------------|--|
| 2.1 | Characteristics      | icosahedral, 20-25 nm in diameter; single stranded DNA genome with protein capsid. |
| 2.2 | CAS Number           | Not available  |
| 2.3 | Hazardous Components | None   |

### 3 Hazards Identification

- |     |   |   |
|-----|---|---|
| 3.1 | Most Important Hazards  | This product is not hazardous according to the Department of Health and Human Services, National Institutes of Health |
| 3.2 | National Institutes of Health, Classification of human etiological agents (i.e. Risk Group) | Belongs to Risk Group 1 (RG 1). "Agents not associated with disease in healthy human subjects".                       |

### 4 First Aid measures

- |     |              |   |
|-----|--------------|---|
| 4.1 | Skin contact | Wash contact areas with soap and plenty of water. Consult a physician.                      |
| 4.2 | Eye contact  | Hold eyes open and flush with plenty of water for at least 15 minutes. Consult a physician. |

- 1 -

Date prepared: 3 July 2001

Date revised: N/A (first edition)

4.3 Ingestion

Wash out mouth with copious amounts of water. Consult a physician.

4.4 Inhalation

Consult a physician.

## 5 Fire fighting measures

5.1 Suitable extinguishing media

Water fog, carbon dioxide, foam, dry chemicals

5.2 Unsuitable extinguishing media

None

5.3 Required special protective equipment

None for fire-fighters

## 6 Accidental release measures

6.1 Spills

Allow aerosols to settle for 15 minutes. Cover the spill with absorbant paper towel and apply freshly prepared 10% bleach (sodium hypochlorite) starting at the perimeter and working towards the center. Allow 30 minutes contact time before clean up.

## 7 Handling and storage

7.1 Handling

Safe handling and storage practice should be observed

7.2 Storage

In sealed containers that are appropriately labeled

## 8 Exposure Controls

8.1 Technical measures

No specific requirement

8.2 Control of threshold limits

None established

8.3 Personal protective equipment

8.3.1 Respiratory protection

Use an approved dust respirator

8.3.2 Hand protection

Use protective latex gloves

8.3.3 Eye protection

Use safety goggles

8.3.4 Other

Use protective clothing

Date prepared: 3 July 2001

Date revised: N/A (first edition)

## 9 Physical and chemical properties

9.1	Appearance	Solution (0.3ml)
9.2	Colour	None
9.3	Odour	Low
9.4	Change of physical state	None
9.5	Density	1.0
9.6	Vapour pressure	Not applicable
9.7	Viscosity	1.0
9.8	Solubility in water	Not applicable
9.9	pH	7.4
9.10	Flashpoint	Not applicable
9.11	Ignition temperature	Not applicable
9.12	Explosion limits	Lower - vol % Upper - vol % Not flammable

## 10 Stability and reactivity

10.1	Thermal decomposition	Stable under recommended storage conditions
10.2	Hazardous decomposition products	None
10.3	Hazardous reactions	None

## 11 Toxicological information

11.1	Acute toxicity	None
11.2	Subacute/chronic toxicity	None

## 12 Ecological information

12.1	No data available
------	-------------------

## 13 Disposal considerations

13.1	Considerations	None.
13.2	Inactivation	Susceptibility to Disinfectants: Susceptible to 5% phenol, 10% bleach, or 10% Wescodyne. Recommend fresh solution of 10% bleach for 30 minutes.

Date prepared: 3 July 2001

Date revised: N/A (first edition)

## 14 Transport information

14.1	Air transport			
	Label			Material should be sealed in primary and secondary containers, appropriately labeled and kept at or below 4°C Non-toxic, perishable, reagent for laboratory testing
14.2	GGVE/GGVS RID/ADR UN-No Kemler No Overland statement	Class Class	Cipher Cipher	
	GGVSee Class ADNR Class UN-No. IMDG-code page EMS MFAG Packing group See transport statement	Class Class	Cipher Cipher	Cat
	ICAO/IATA-DGR UN-No. Proper Shipping Name Subsidiary risk Labels Packing group Passenger aircraft Cargo aircraft only Further information:			Packing Instruction max. Packing Instruction max. Not a hazardous material according to the above mentioned transport regulations.

## 15 Regulatory Information

15.1	UN or NA Number	Not applicable
15.2	EC-Number	-
15.3	Hazard symbols	None
15.4	Hazard designation	None
15.5	Risk phrases	R: -
15.6	Safety phrases	S: S24 and S25 S24 Avoid contact with skin S25 Avoid contact with eyes
15.7	MAK value	No occupational exposure limits have been established



Date prepared: 3 July 2001

Date revised: N/A (first edition)

15.8 BVD classification (CH)

Not known

15.9 VbF (D)

Not flammable

16 **Other information**

16.1 Other information

None

---

The above-mentioned data corresponds to our present state of knowledge and experience. The safety data sheet serves as description of the product in regard to necessary safety measures.

---