



# Material Safety Data Sheet

ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1

Printing date 08/04/2005

Reviewed on 08/04/2005

## 1 Identification of substance

- **Product details**
- **Trade name:** RECOMBITEK® Equine West Nile Virus  
WEST NILE VIRUS VACCINE, LIVE  
CANARYPOX VECTOR  
USDA Code 1991.R0

- **Manufacturer/Supplier:**  
Merial Limited  
115 Transtech Drive  
Athens, GA 30601  
Telephone 1-888-Merial 1

- **Emergency information:**  
Spill Information:  
CHEMTREC® 1-800-424-9300  
CHEMTREC® International 1+703-527-3887  
International calls 011+703-527-3887  
Reverse charges.

## 2 Composition/Data on components

- **Chemical characterization:**
- **CAS No. Description**  
Non hazardous substance
- **Chemical characterization**
- **Vaccine components** This product is a vaccine (biological) for use in horses.

· **Liquid component contains:**

Sterile Water Diluent

· **Freeze dried component contains:**

West Nile Virus Vaccine, live Canarypox vector

## 3 Hazards identification

- **Hazard description:** Not applicable.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

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#### 4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Seek immediate medical advice.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for a minimum of 15 minutes under running water. Get medical attention immediately.
- **After swallowing:** Immediately call a doctor.
- **After self injection** Immediately wash with water and soap and rinse thoroughly. Get medical attention.
- **Information for doctor.**  
The following symptoms may occur  
In case of symptomatic effect provide treatment to maintain life functions.

#### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Self-contained breathing apparatus and full protective equipment.

#### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section XIII.
- **Additional information:** No dangerous substances are released.

#### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Store in cool, dry place in tightly closed containers.  
Handle with care. Avoid jolting and impact.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in a cool, dry, well ventilated place.
- **Recommended storage temperature:**  
35-45°F (2-7°C)  
CAUTION: Do not freeze

#### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.

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- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*Wash hands before breaks and at the end of work.*  
*Avoid contact with the eyes and skin.*  
*Do not eat, drink, smoke or inhale.*  
*Do not store food in the working area.*
- **Protection of hands:** *Not required under normal conditions of use.*
- **Eye protection:** *Not required under normal conditions of use.*
- **Body protection:** *Not required under normal conditions of use.*

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	<i>Diluent and freeze dried cake</i>
<b>Color:</b>	<i>Colorless opaque liquid and white/light brown to yellow cake</i>
<b>Odor:</b>	<i>Characteristic</i>

#### · Change in condition

**Melting point/Melting range:** *Undetermined.*  
**Boiling point/Boiling range:** *Undetermined.*

· **Flash point:** *Not applicable.*

· **Danger of explosion:** *Product does not present an explosion hazard.*

· **Specific gravity:** *Not determined.*

#### · Solubility in / Miscibility with

**Water:** *Not miscible or difficult to mix.*

**Organic solvents:** *0.0 %*

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous products of decomposition:** *No dangerous decomposition products known.*

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** *No irritating effect known.*
- **on the eye:** *No irritating effect known.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**  
*When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.*  
*The substance is not subject to classification.*

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### 12 Ecological information

- **General notes:** Not known to be hazardous to water.

### 13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

### 15 Regulations

- **Sara**

- **Section 355 (extremely hazardous substances):**

Substance is not listed.

- **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

- **TSCA (Toxic Substances Control Act):**

Substance is not listed.

- **CA Proposition 65**

- **Chemicals known to cause cancer:**

Substance is not listed.

- **Chemicals known to cause reproductive toxicity:**

Substance is not listed.

- **Cancerogenity categories**

- **EPA (Environmental Protection Agency)**

Substance is not listed.

- **IARC (International Agency for Research on Cancer)**

Substance is not listed.

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· **NTP (National Toxicology Program)**

Substance is not listed.

· **TLV (Threshold Limit Value established by ACGIH)**

Substance is not listed.

· **MAK (German Maximum Workplace Concentration)**

Substance is not listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

· **Product related hazard informations:**

The substance is not subject to classification according to the sources of literature known to us.  
 Observe the general safety regulations when handling chemicals.

· **Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS: MSDS Coordinator**