



**Material Safety Data Sheet**  
**ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1**

Printing date 01/12/2005

Reviewed on 01/12/2005

### 1 Identification of substance

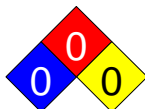
- **Product details**
- **Trade name:** *Canine Coronavirus Vaccine, MLV*  
*CANINE CORONA-Modified Live Virus*
- **Item number:** 2213
- **Manufacturer/Supplier:**  
*Merial Limited*  
*3239 Satellite Blvd.*  
*Duluth, Ga. 30096-4640*  
*1-888-MERIAL 1 (1-888-637-4251)*
- **Information department:** *MSDS Coordinator*
- **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 dogs.*
- **Liquid component contains:** *Sterile Water Diluent*
- **Freeze dried component contains:** *Canine Coronavirus (Modified Live Virus)*

### 3 Hazards identification

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



*Health = 0*  
*Fire = 0*  
*Reactivity = 0*

# Material Safety Data Sheet

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

Printing date 01/12/2005

Reviewed on 01/12/2005

**Trade name: Canine Coronavirus Vaccine, MLV**  
**CANINE CORONA-Modified Live Virus**

### · HMIS-ratings (scale 0 - 4)

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

## 4 First aid measures

- **General information:** No special measures required.
- **After skin contact:** No skin irritation is expected with this formulation.
- **After eye contact:**  
Rinse opened eye for a minimum of 15 minutes under running water. Get medical attention immediately.
- **After swallowing:** Seek medical advice.

## 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:**  
Fire fighters should wear 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:**  
To clean spills or contamination use 1:30 dilution of household bleach.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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:** 2-7°C

# Material Safety Data Sheet

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

Printing date 01/12/2005

Reviewed on 01/12/2005

**Trade name: Canine Coronavirus Vaccine, MLV**  
**CANINE CORONA-Modified Live Virus**

### 8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:** Not required.
- **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.
- **Breathing equipment:** If in particulate form, MSHA-NIOSH approved respirator for dust.
- **Protection of hands:**



Protective gloves

- **Eye protection:** Safety glasses

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Solid
<b>Color:</b>	Beige
<b>Odor:</b>	Odorless

#### · Change in condition

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

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Product is not flammable.

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

· **Specific gravity:** Not determined.

· **Solubility in / Miscibility with Water:** Soluble.

### 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.

**Material Safety Data Sheet**  
**ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1**

Printing date 01/12/2005

Reviewed on 01/12/2005

**Trade name: Canine Coronavirus Vaccine, MLV**  
**CANINE CORONA-Modified Live Virus**

- **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.

### 12 Ecological information

- **General notes:**  
 Water hazard class 1 (Self-assessment): slightly hazardous for water  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation:**  
 Smaller quantities can be disposed of with household waste.  
 After prior treatment product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:**  
 Water, if necessary with cleansing agents.  
 To clean spills or contamination use 1:30 dilution of household bleach.

### 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:** -

**Material Safety Data Sheet**  
**ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1**

Printing date 01/12/2005

Reviewed on 01/12/2005

**Trade name: Canine Coronavirus Vaccine, MLV**  
**CANINE CORONA-Modified Live Virus**

### 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.

- **Carcinogenesis potential categories**

- **EPA (Environmental Protection Agency)**

Substance is not listed.

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

Substance is not listed.

- **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**

- **Contact: MSDS Coordinator, msds@merial.com**