



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

Printing date 05/10/2004

Reviewed on 05/10/2004

1 Identification of substance

· **Product details**

· **Trade name:** **Gallimune™ NC-BR**
Newcastle-Bronchitis Vaccine, Mass. and Ark. Types, Killed Virus
USDA Code: 1785.12

· **Manufacturer/Supplier:**
Merial Select, Inc.
1134 Airport Parkway
Gainesville, Georgia 30501
(770) 536-8787

· **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**

· **Description:**

The exact formulation of the components is a trade secret. The remaining components are a mixture of animal tissue and inactivated virus particles.

· **Components:**

Non hazardous inert ingredients	50.0 %
Mineral Oil	50.0%

· **Vaccine components** This is a vaccine (biological) for use in poultry.

· **Liquid component contains:**

Newcastle-Bronchitis Vaccine, Mass. and Ark. Types, Killed Virus

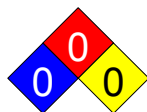
3 Hazards identification

· **Hazard description:** Not applicable.

· **Classification system:**

The classification was made according to the latest editions of international substances lists, and from company and regulatory data.

· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

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· **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 inhalation:** Not an expected route of entry.
- **After skin contact:**
 No skin irritation is expected with this formulation.
 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:**
 Relatively non-toxic. This product has laxative properties and may cause abdominal cramps and diarrhea.
- **After self injection**
 In the case of accidental self-injection, seek medical advice immediately and show immediately the package insert or the label to the physician.
- **Information for doctor.**
The following symptoms may occur
 In case of symptomatic effect provide treatment to maintain life functions.
- **Danger**
 All precautions should be taken to avoid accidental self injection. Severe inflammation and infection may lead to reduced blood circulation and localized tissue damage in the affected area. If an accident does occur: 1. Apply pressure around injection site to remove as much vaccine as possible from the wound. 2. Cover the wound with dry sterile bandage. 3. Keep the injured limb in an elevated position. 4. Seek immediate medical attention.
DELAY IN TREATMENT MAY RESULT IN SERIOUS COMPLICATIONS.

5 Fire fighting measures

- **Suitable extinguishing agents:**
 CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
 Carbon monoxide (CO)
 Carbon dioxide (CO₂)
- **Protective equipment:** Self-contained breathing apparatus and full protective equipment.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.
- **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.

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7 Handling and storage

- **Handling:**
- **Information for safe handling:**
 Handle with care. Avoid jolting and impact.
 Store in cool, dry place in tightly closed containers.
- **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:** 2-8°C

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:**
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **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.

9 Physical and chemical properties

· General Information

Form:	Oily Liquid
Color:	White
Odor:	Odorless

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Above 212 ° F

- | | |
|--|---|
| · Flash point: | 325 ° F |
| · Auto igniting: | Product is not self-igniting. |
| · 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. |

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· **Solvent content:**

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:**
 The product is not subject to classification according to internally approved calculation methods for preparations.
 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.

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:** 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

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- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulations

- **Sara**

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

None of the ingredients are listed.

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

None of the ingredients are listed.

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

None of the ingredients are listed.

- **CA Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

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

None of the ingredients are listed.

- **Carcinogeny categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

- **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

- **Safety phrases:**

29 Do not empty into drains.

- **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.

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