

Material Safety Data Sheet

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03/11/92

M-NINEVAX - C

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Schering-Plough Animal Health  
P.O. Box 529  
Kenilworth, NJ 07033

COMPANY CONTACT: Animal Health Tech. Services  
TELEPHONE NUMBER: (800)932-0473

## EMERGENCY TELEPHONE NUMBER

Schering-Plough (908)820-6222

PRODUCT NAME: M-NINEVAX - C  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

NO DATA GIVEN

## 3. HAZARDS IDENTIFICATION

## POTENTIAL HEALTH EFFECTS

## EYES

This product contains materials at greater than one percent which, if undiluted, have the following health effects upon eye contact: Newcastle Disease virus will cause conjunctivitis (inflammation of the conjunctiva of the eye) if applied to the eye. Other remaining ingredients may cause eye irritation.

## SKIN

This product contains materials at greater than one percent which, if undiluted, have the following health effects upon skin contact: May cause irritation.

## INGESTION

This product contains materials at greater than one percent which, if undiluted, have the following health effects upon ingestion: An influenza-like syndrome with mild fever and headaches may develop. The disease subsides in less than a week.

## INHALATION

This product contains materials at greater than one percent which, if undiluted, have the following health effects upon inhalation: An

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## 3. HAZARDS IDENTIFICATION - Continued

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## INHALATION - Continued

influenza-like syndrome with mild fever and headaches may develop. The disease subsides in less than a week.

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## 4. FIRST AID MEASURES

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## EYES

Flush with water for at least 15 minutes. Obtain medical attention.

## =====

## SKIN

Remove contaminated clothing. Thoroughly wash exposed area with soap and water. Obtain medical attention.

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## INGESTION

Give copious amounts of water and induce vomiting, if conscious. Obtain medical attention.

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## INHALATION

Remove from exposure. If breathing is feeble or ceases, give cardiopulmonary resuscitation. Obtain medical attention.

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## 5. FIRE FIGHTING MEASURES

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## FLAMMABLE PROPERTIES

FLASH POINT: N/A F

AUTOIGNITION: N/A F

LOWER EXPLOSIVE LIMIT (%): N/A

UPPER EXPLOSIVE LIMIT (%): N/A

## =====

## FIRE AND EXPLOSION HAZARDS

Under normal conditions of use this material does not present a significant fire or explosion hazard.

## =====

## EXTINGUISHING MEDIA

CO2, Dry Chemical, Water, Water Spray.

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## FIRE FIGHTING INSTRUCTIONS

Fight fire from a safe distance or protected location. Use water spray to keep containers and equipment cool. Wear full protective equipment including

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5. FIRE FIGHTING MEASURES - Continued

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FIRE FIGHTING INSTRUCTIONS - Continued

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self-contained breathing apparatus (SCBA).

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6. ACCIDENTAL RELEASE MEASURES

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Squeegee, sweep, scoop, or vacuum up spill. Minimize contact with spilled material. Keep other personnel away from the clean up area. Wear appropriate respiratory protection and protective clothing in the spill area. Notify your supervisor immediately. Clean area with a wet mop. Dispose of spilled material and clean up materials as given in Waste Disposal Methods below.

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7. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS

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Store in refrigerator temperatures. No special precautions needed in handling vaccine.

WORK/HYGIENIC PRACTICES

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Train employees concerning hazards and precautions. Provide adequate local exhaust ventilation. Wash hands and forearms after each use. Use indicated protective equipment while handling. Change respirator cartridges after four hours of continuous use or upon detection of an increase in breathing resistance or eye or nasal irritation.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS

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Provide adequate local exhaust ventilation.

EYE/FACE PROTECTION

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Splash goggles based on Newcastle hazard.

SKIN PROTECTION

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Gloves - Latex or better.  
Lab coat or uniform.

RESPIRATORY PROTECTION

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None usually required. Use a half-mask respirator with HEPA cartridges for the material in bulk.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE
  
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Brownish-white powder.

ODOR
  
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Odorless.

BASIC PHYSICAL PROPERTIES
  
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BOILING POINT: N/A C

MELTING POINT: N/A C

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: N/A

SOLUBILITY (H2O): N/A

PERCENT VOLATILES: N/A

EVAPORATION RATE: N/A
  
=====10. STABILITY AND REACTIVITY
  
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STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY)
  
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Avoid open flame and high temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS
  
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CO &amp; CO2

HAZARDOUS POLYMERIZATION: Will not occur.
  
=====11. TOXICOLOGICAL INFORMATION
  
=====MISCELLANEOUS TOXICOLOGICAL INFORMATION
  
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While Newcastle Disease Virus, the active component of this vaccine, will cause conjunctivitis (inflammation of the conjunctiva of the eye) if applied to the eye. The virus is not considered to be pathogenic for man if inhaled, ingested, applied to the skin, or even injected.

Contains Gentamicin Sulfate, an aminoglycoside. Aminoglycosides are associated with significant nephrotoxicity and neurotoxicity, the latter manifested by ototoxicity, numbness, and convulsions. Aminoglycosides can cause fetal harm as they can cross the placenta.

  
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=====12. ECOLOGICAL INFORMATION
  
=====NO DATA GIVEN
  
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## 13. DISPOSAL CONSIDERATIONS

While not a hazardous waste, material should be destroyed in an autoclave.  
An approved landfill site is the preferred disposal method after autoclaving.

## 14. TRANSPORT INFORMATION

NO DATA GIVEN

## 15. REGULATORY INFORMATION

NO DATA GIVEN

## 16. OTHER INFORMATION

Hazard Rating - HEALTH: 1 Slight  
- FIRE: 1 Slight  
- REACTIVITY: 0 Negligible

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Schering-Plough Animal Health