

Material Safety Data Sheet

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03/11/92

ORALVAX - HE

## 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: ORALVAX - HE  
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: May cause 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: None Known. May cause allergic reactions in sensitive individuals.

INHALATION

This product contains materials at greater than one percent which, if undiluted, have the following health effects upon inhalation: None Known. May cause allergic reactions in sensitive individuals.

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4. FIRST AID MEASURES  
=====EYES  
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Flush with water for at least 15 minutes. Obtain medical attention.

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

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

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

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5. FIRE FIGHTING MEASURES  
=====FLAMMABLE PROPERTIES  
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FLASH POINT: N/A F

AUTOIGNITION: N/A F

LOWER EXPLOSIVE LIMIT (%): N/A

UPPER EXPLOSIVE LIMIT (%): N/A

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

EXTINGUISHING MEDIA  
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CO2, Dry Chemical, Water, Water Spray.

FIRE FIGHTING INSTRUCTIONS  
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Fight fire from a safe distance or protected location. Use water spray to keep containers and equipment cool. Wear full protective equipment including 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/safety glasses.

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES - Continued

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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  
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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 & CO2

HAZARDOUS POLYMERIZATION: Will not occur.  
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11. TOXICOLOGICAL INFORMATION  
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MISCELLANEOUS TOXICOLOGICAL INFORMATION  
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Fowl Pox Virus, the active ingredient of this vaccine, is not considered to be pathogenic for man even if inhaled, ingested, applied to the eyes or 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.

12. ECOLOGICAL INFORMATION  
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NO DATA GIVEN  
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13. DISPOSAL CONSIDERATIONS  
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While not a hazardous waste, material should be destroyed in an autoclave. An approved landfill site is the preferred disposal method after autoclaving.  
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14. TRANSPORT INFORMATION  
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NO DATA GIVEN  
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15. REGULATORY INFORMATION  
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NO DATA GIVEN

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16. OTHER INFORMATION

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

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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Schering-Plough Animal Health