

# MATERIAL SAFETY DATA SHEET

Revised: **October 3, 2006**

## I. General Information

Chemical Name & Symptoms: <b>N/A</b> Chemical Family: <b>N/A</b> Proper DOT Shipping Names: <b>Vaccine</b> Manufacturer: <b>Lohmann Animal Health Int'l</b> Address: <b>375 China Road Winslow, Maine 04901 U.S.A.</b>	Product Type: <b>Killed Virus Vaccine</b> Formula: <b>N/A</b> DOT Hazard Classification: <b>None</b> Manufacturers Telephone: <b>800-639-1581</b> Chemtrec Telephone: <b>Not applicable</b>
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## II. Ingredients

Principle Components	Percent	Threshold Limit Value
Mineral Oil	≤50%	No limit
Emulsifiers	≤6%	No limit
Antigen Material	≤40%	No limit
Formalin (for inactivation)	≤0.2%	No limit
Formalin (for inactivation)	≤1.2%(List No. 1103 Only)	No limit
Thimerosal (for inactivation in List Numbers Marked with an asterisk {*})	≤0.01%	No limit

Threshold Limit Value: **No Limit.**  
 ACGIH Threshold Limit Value: **Not applicable.**  
 OSHA Threshold Limit Value: **Not applicable.**

## III. Physical Data

Boiling Point: <b>Above 212°F, 100°C</b> Vapor Pressure (mm Hg): <b>&lt;1</b> Solubility in Water: <b>Negligible</b> Appearance and Odor: <b>White oily liquid. No Odor.</b>	Specific Gravity (H <sub>2</sub> O = 1): <b>Approximately 91</b> Percent Volatile by Volume (%): <b>Negligible</b> Evaporation Rate ( ___ = 1): <b>No data.</b> pH: <b>6.6 - 7.0</b>
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## IV. Fire & Explosion Hazard Data

Flash Point (Test Method): **Above 300°F (COC)**

Flammable Limits: **No data.**

Extinguishing Media: **Dry chemical, foam, carbon dioxide, Halon 1211.**

Special Fire Fighting Procedures: **Self-contained breathing apparatus.**

**Unusual Fire and Explosion Hazards:** Dense smoke may be generated while burning. Carbon Monoxide, Carbon Dioxide, and other Oxides may be generated as products of combustion.

### V. Health Hazard Data

Threshold Limit Value: **No limit.**

OSHA Threshold Limit Value: **Not applicable.**

ACGIH Threshold Limit Value: **Not applicable.**

Carcinogen – NTP Program: **No**

Carcinogen – IARC Program: **No**

Symptoms of Exposure: **This product is non-irritating to eyes or skin. Ingestion is relatively non-toxic. This product has laxative properties and may result in abdominal cramps and diarrhea.**

Emergency First Aid: Eyes: **Flush with water for 15 minutes.**

Skin: **Wash with soap and water.**

Ingestion: **Drink one or two glasses of water. May have laxative effect.**

### VI. Reactivity Data

Stability: **Stable**

Conditions to Avoid: **Not applicable**

Incompatibility: **None known.**

Materials to Avoid: **Oxidizing Agents**

Hazard Polymerization: **Will not occur.**

Combustion Products: **Carbon Monoxide, Carbon Dioxide**

### VII. Environmental Protection Procedures

Spill Response: **Absorb and dispose of material.**

Waste Disposal Method: **Discarded material is not hazardous waste.**

### VIII. Special Protection Information

Eye Protection: **Not required for normal use.**

Respiratory Protection (Specific Type): **Not required for normal use.**

Skin Protection: **Not required for normal use.**

Ventilation Recommended: **Not required for normal use.**

Other Protection: **Not required for normal use.**

### IX. Special Precautions

**The information herein is given in good faith but no warranty expressed or implied is made.**