



MATERIAL SAFETY DATA SHEET

LIVE PRODUCTS

Revised: **August 11, 2009**

I. General Information

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

II. Ingredients

Principle Components	Percent	Threshold Limit Value
Antibiotics	<1%	No limit
Stabilizer	≤50%	No limit
Buffered Saline	≤50%	No limit
Dye (optional)	≤1%	No limit
Antigen Material	≤50%	No limit

All ingredients are classified as not hazardous.

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

III. Physical Data

Boiling Point: N/A	Specific Gravity (H ₂ O = 1): 0.073
Vapor Pressure (mm Hg): N/A	Percent Volatile by Volume (%): 0.0%
Solubility in Water: 100%	Evaporation Rate (___ = 1): N/A
Appearance and Odor: Lyophilized (freeze dried) cake, may be off white or colored. No Odor.	pH: 7.0

IV. Fire & Explosion Hazard Data

Flash Point (Test Method): **Not applicable.**

Flammable Limits: **Not applicable.**

Extinguishing Media: **Use media appropriate for surrounding fire. Vaccine is not flammable or explosive.**

Special Fire Fighting Procedures: **None**

Unusual Fire and Explosion Hazards: **None**



MATERIAL SAFETY DATA SHEET

LIVE PRODUCTS

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 with the exception of Newcastle Disease Vaccine (ND), Live Virus or any combination product containing live ND. Newcastle Disease Virus can cause an inflammation of the eyes and eyelids of humans; caution should be used not to allow the vaccine to come in contact with the eye.**

Emergency First Aid: Eyes: **Flush with water for 15 minutes. If using live ND or any combination product containing live ND, seek medical attention. Newcastle Disease Virus can cause an inflammation of the eyes and eyelids of humans; caution should be used not to allow the vaccine to come in contact with the eye.**

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

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

Self injection: **If you have injected yourself with Lohmann Animal Health Vaccine, please seek immediate medical attention. Instruct your doctor to visit www.lahinternational.com and download the self-injection treatment instructions. You may also choose to contact one of our technical service veterinarians. Contact info is listed on the last page of this MSDS sheet.**

VI. Reactivity Data

Stability: **Stable**

Conditions to Avoid: **Not applicable**

Incompatibility: **None known.**

Materials to Avoid: **Not applicable**

Hazard Polymerization: **Will not occur.**

Combustion Products: **Not applicable**

VII. Environmental Protection Procedures

Spill Response: **Clean and disinfect area.**

Waste Disposal Method: **This product should be considered a biohazard, as it is a live virus. Incinerate, autoclave or disinfect before disposal.**

MATERIAL SAFETY DATA SHEET

LIVE PRODUCTS

VIII. Special Protection Information

Eye Protection: **Safety glasses, Air tight goggles for application of live ND or a combination product containing live ND.**

Respiratory Protection (Specific Type): **Dust Mask.**

Skin Protection: **Latex Gloves. Wash hands thoroughly after 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.

Live Vaccines covered by this MSDS:

LAHI List No.	USDA Code	True Product Name
1060	1621.10	Fowl Pox Vaccine, Live Virus
1066	1621.00	Fowl Pox Vaccine, Live Virus
1113	1721.10	Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus
1125	1231.12	Bronchitis Vaccine, Mass. Type, Live Virus
1212	1881.10	Pigeon Pox Vaccine, Live Virus
1254, 1255	1771.18	Newcastle - Bronchitis Vaccine, B1 Type, LaSota Strain, Mass. Type, Live Virus
1355	1051.11	Avian Encephalomyelitis Vaccine, Live Virus
1361	10M1.10	Avian Encephalomyelitis - Fowl Pox Vaccine, Live Virus
1478, 1486, 1488	1271.02	Bursal Disease Vaccine, Live Virus
1481	1271.11	Bursal Disease Vaccine, Live Virus
1496	1271.00	Bursal Disease Vaccine, Live Virus
1502, 1503	1711.10	Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus
1532	1761.12	Newcastle - Bronchitis Vaccine, B1 Type, B1 Strain, Mass. Type, Live Virus
1537, 1538	1761.17	Newcastle - Bronchitis Vaccine, B1 Type, B1 Strain, Mass. and Conn. Types, Live Virus
1702, 1703	1601.11	Fowl Laryngotracheitis Vaccine, Live Virus
6816	1231.15	Bronchitis Vaccine, Conn. Type, Live Virus
6818	1231.20	Bronchitis Vaccine, Ark. Type, Live Virus
6819	1881.12	Pigeon Pox Vaccine, Live Virus
6820	1751.00	Mycoplasma Gallisepticum Vaccine, Live Culture
6825	1721.0A	Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus

Emergency Phone Numbers:

Dr. Alvarado: 1- 706 -552 1509

Dr. McRee: 1- 919 -380 1155

Dr. Salem: 1- 410 -726 6143