



# VECTORMUNE® FP-N

## Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Revision date: April 22, 2015

Supersedes: July 15, 2008

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product form : Mixture  
 Product name : VECTORMUNE® FP- N, Fowl Pox - Newcastle Disease Vaccine, Live Fowl Pox Vector

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : VECTORMUNE® FP-N is a genetically engineered, live virus vaccine for the vaccination of chickens as an aid in the prevention of Newcastle disease and fowl pox. The fowl pox vector used in this vaccine has been genetically modified to contain and express genes for the key protective Newcastle disease virus (NDV) antigens, as well as the full complement of protective fowl pox virus (FPV) antigens.

#### 1.3 Details of the supplier of the safety data sheet

Ceva BIOMUNE  
 8906 Rosehill Rd.  
 Lenexa, Kansas 66215  
 (913) 894-0230

#### 1.4 Emergency telephone number

Country	Official advisory body / Company	Address	Emergency number
UNITED STATES	Infotrac	-	1-800-535-5053
INTERNATIONAL	Infotrac	-	1-352-323-3500

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

GHS-US classification

Not classified

#### 2.2 Label elements

GHS-US labelling

No labeling applicable

#### 2.3 Other hazards

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4 Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1 Substance

Not applicable

#### 3.2 Mixture

Name	Product Identifier	%	Classification (GHS-US)
Fowl pox virus that has been genetically engineered to contain and express key protective Newcastle disease virus antigens	Not applicable	Varies	Not applicable
Stabilizer	Not applicable	50%	Not applicable
Gentamicin sulfate	(CAS No) 1405-41-0	*	Respiratory sensitization (Category 1), H334 Skin sensitization (Category 1), H317
Amphotericin B	C <sub>47</sub> H <sub>73</sub> NO <sub>17</sub>	*	No components need to be disclosed according to the applicable regulations.

\*Chemicals are present in a concentration less than 1% which is below the cut off limit according to §1910.1200



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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. If irritation or symptoms occur or persist, consult a doctor.
- First-aid measures after skin contact : In the event of accidental injection, seek medical attention if irritation develops.
- First-aid measures after eye contact : In case of contact, rinse immediately with plenty of water and seek medical attention if irritation develops.
- First-aid measures after ingestion : Rinse mouth and drink a glass of water. If irritation or symptoms occur or persist, consult a doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : None to our knowledge.
- Symptoms/injuries after eye contact : None to our knowledge.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Foam. Polyvalent powders. Carbon dioxide (CO<sub>2</sub>).
- Unsuitable extinguishing media : None

#### 5.2. Special hazards arising from the chemicals

- Fire hazard : No specific hazardous decomposition products known.
- Reactivity : To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### 5.3. Advice for firefighters

- Firefighting instructions : None
- Protection during firefighting : None

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Emergency procedures : No specific precautions.  
Individual washing routines should be followed after any potential contact.

##### 6.1.2. For emergency responders

- Protective equipment : Apply the same recommendations as section 6.1.1.

#### 6.2. Environmental precautions

None

#### 6.3. Methods and material for containment and cleaning up

- For containment : In the case of a liquid spill, contain the spill and wash the area with soap and water.
- Methods for cleaning up : In the case of broken glass, carefully sweep up and remove any debris. Dispose of the debris in a sharps container or a container marked for disposal of broken glass. Wash area with soap and water.
- Other information : Follow good vaccination procedures. Refer to packaging for complete directions.

#### 6.4. Reference to other sections

For further information refer to section 13.



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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Follow good vaccination procedures. Refer to packaging for complete directions.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store at room temperature or at 2-7°C (35-45°F).

Incompatible materials : Strong acids. Strong bases. Strong oxidizing agents.

Special rules on packaging : Refer to packaging for complete directions.

#### 7.3. Specific end use(s)

No additional information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

The mixture is not classified for Health hazards: use aseptic technique.

Hand protection : Protective gloves are recommended.

Eye protection : Safety glasses are recommended.

Skin and body protection : Optional

Respiratory protection : None required.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Crystalline powder in cake form

Colour : Light tan

Odour : No perceptible odor

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Non flammable

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : Very soluble

Log Pow : No data available

Log Kow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : Not explosive

Oxidising properties : Non oxidizing material

Explosive limits : No data available

#### 9.2. Other information

None



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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

None under normal conditions.

#### 10.4. Conditions to avoid

None. Refer to packaging for complete directions.

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

None

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified Care should be taken to prevent self-ingestion. Wash area of contact. If irritation or symptoms occur or persist, consult a doctor.
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : None

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available



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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Waste treatment methods : Per directions with accompanying vaccine, incinerate used and unused vials.  
Additional information : None

### SECTION 14: Transport information

In accordance with DOT

Not classified as a dangerous good for transport

#### Additional information

Other information : No supplementary information available.

None

Transport document description : No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

Not classified as a hazardous or toxic

#### 15.2. International regulations

CANADA

Not classified as a hazardous or toxic

EU-Regulations

Not classified as a hazardous or toxic

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified as a hazardous or toxic

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified as a hazardous or toxic

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity

### SECTION 16: Other information

Data sources : SDS of suppliers.

HMIS III Rating

- Health : 0 Minimal Hazard  
Flammability : 0 Minimal Hazard  
Physical : 0 Minimal Hazard  
Personal Protection : B

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*