



# Material Safety Data Sheet

NeoVac D<sup>®</sup>

## Section 1. Product and Company Identification

Manufactured/Supplied by	NEOTECH,LLC 10061 Hwy. 22 Dresden, TN 38225 Phone: 731-364-5856 Fax: 731-364-5860	Date of last Revised	30 July 2009
Product Trade Name	NeoVac D	Product No.	8001
Common Name	Canine Distemper Virus Vaccine Modified Live Virus	Formula No.	NA
Synonyms	None	CAS No.	NA
Chemical Formula	NA	U.N. No.	NA
Chemical Family	Veterinary Vaccine	EINECS NO	NA
Material Uses	Veterinary Biological	In Case of Emergency	731-364-5857 731-364-5856
Packaging	Vial		
Formula Type	Injectable		

## Section 2. Composition - Information on Ingredients

Name of Ingredients	CAS No.	Conc.	EU Symbol	R Phrase
1) Modified Live Virus	NA	NA		
2) Gentamicin	NA	<0.1%		
3) Amphotericin B	NA	<0.1%		

## Section 3. Hazards Identification - Summary of Primary Effects and Critical Hazards

Acute Health Effects	Acute health effects are considered unlikely when the product is used according to label.
Chronic Health Effects	Not considered to be toxic to humans.
Environmental Hazards	None.

## Section 4. First Aid Measures - (by medical responders using "Universal Precautions")

Eye Contact	No known effect. After contact with skin wash with copious amounts of water.
Skin Contact	No known effect. After contact with skin wash with copious amounts of water
Inhalation	No specific data
Ingestion	If ingested seek medical advice immediately and present label to medical advisor.
Notes to Medical Doctor	For self inoculation, wash site with soap and water. If bleeding, encourage to bleed. Treat symptoms.

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**Section 5. Fire-Fighting Measures**

Extinguishing Media and Instructions	Aqueous solution, non-flammable. Use dry chemicals, CO2 or water.
Special Exposure Hazards	None. Dispose of fire fighting water and debris in accordance with relevant regulations.
Special Fire Fighting Protective Equipment	Full firefighting attire, certified breathing apparatus worn by qualified personnel.

**Section 6. Accidental Release Measures**

Small Spill Guidelines	Absorb with inert material and dispose of in waste container
Large Spill Guidelines	Dike if necessary. Mop up with diluted bleach. Disinfect for 1 hour. Absorb with inert material.
Environmental Precautions	Keep out of waterways.

**Section 7. Handling and Storage**

Handling (ventilation and fire prevention)	No special handling precautions are necessary.
Storage (conditions and limitations)	Follow label direction to maintain efficacy. Do not freeze. Keep out of reach of children.

**Section 8. Exposure Controls and Personal Protection - (normal and intended use)**

Exposure Guidelines			
Component	REG. Limit OSHA (PEL)	ACGIH (TLV)	Company Guideline
No hazardous ingredients			
Engineering Design and Control Measures			
Protective Clothing			
Eyes	Safety glasses		
Skin	Gloves, Latex		
Hands	Gloves, Latex		
Respiratory	A respirator is not needed under normal and intended conditions of product use.		

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Dry powder reconstituted to golden liquid	Odor	Odorless.
Molecular Weight	unknown	Color	Golden
Boiling Point	unknown	pH	6 - 8
Melting/Freezing Point	-2°C.		
Density/Bulk Density	unknown		
Vapor Pressure	unknown		
Vapor Density	unknown		
Viscosity	unknown		
Partition Coefficient	unknown		
Solubility	Soluble in water		
Flash Point	NA		
Autoignition Point	NA		
Explosion Limits	NA		
Dust Explosivity	NA		

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**Section 10. Stability and Reactivity**

Conditions to Avoid and Incompatibility	The product is stable.
Decomposition Products	None.

**Section 11. Toxicological Information**

## Acute Effects

Component	Test	Result	Route	Species
No hazardous ingredients				
Eye Contact		Mildly irritating to the eyes.		
Skin Contact		No evidence of risk in humans.		
Inhalation		No evidence of risk in humans.		
Ingestion		Not considered to be toxic for humans.		

## Chronic Effects

Target Organs	None.
Adverse Effects Statements	Not known.
Sensitization	No evidence.
Carcinogenic Effects	There is no known effect from chronic exposure to this product. No evidence of human carcinogenic effects.
Mutagenic Effects	Adverse health effects are considered unlikely when the product is administered according to label directions.
Teratogenic Effects	No evidence of risk in humans. No known human teratogenic effect.
Reproductive Effects	Not determined
Other Effects	Adverse health effects are considered unlikely when the product is administered according to label directions.

**Section 12. Ecological Information**

Environmental Fate	Not evaluated. No known significant effects or critical hazards.
Environmental Hazards	Releases of small quantities are unlikely to adversely affect the functioning of water treatment plants.

## Ecotoxicity

Component	Species	Period	Result
No hazardous ingredients			
Other			

**Section 13. Disposal Considerations**

Waste Handling and Disposal	Waste must be disposed of in accordance with federal, state, and local regulations.
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Note: The waste generator must be informed of and follow all applicable rules and regulations for the handling and disposal of waste. Large quantities should be incinerated.

**Section 14. Transport Information**

Proper Shipping Name, Primary Class, UNNA Number, Packaging Group	Not Regulated
ADR/RID Classification (Road and Rail Transport)	Not controlled under ADR of the EEC.
ADNR Classification (Inland Waterways)	Not controlled under ADNR (Europe).
IMO/IMDG Class (Maritime Transport)	Not controlled under IMDG.

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ICAO/IATA (Air Transport)

Not controlled under IATA.

CEFIC Tremcard

U.S.A. DOT Class

Not a DOT controlled material (United States).

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Packaging Instructions

**Section 15. Regulatory Information and Warning Labels**

(R) Risk Phrases

R-36- IRRITATING TO THE EYES

(S) Safety Phrases

S02- Keep out of reach of children S25 Avoid contact with eyes S26 In case of contact with eyes, rinse immediately with plenty of water. S 28 After contact with skin, wash immediately with plenty of water

**Section 16. Other Key Information**

Other Considerations See product label and package insert for additional information.

30 July 2009

**Responsible for MSDS:** NeoTech, LLCNotice to Reader

The information provided in this MSDS is based on current knowledge, however, this does not constitute a warranty by the Company for that information. The product user is responsible for the appropriate and intended handling, use and disposal of this product in accordance with label or package precautions and this information. All materials may present unknown hazards and should be used with caution.