



Suvaxyn E-oral

# Material Safety Data Sheet

WW MSDS No. 152093

## Section 1. Product and Company Identification

<b>Manufactured/ Supplied by</b>	Fort Dodge Animal Health 800 5th Street NW P.O. Box 518 Fort Dodge, IA 50501 Phone: 515-955-4600 Fax: 515-955-9149	<b>Date of Preparation</b>	10 October 2003
		<b>Product No.</b>	152093
<b>Product Trade Name</b>	Suvaxyn E-oral	<b>Formula No.</b>	NA
<b>Common Name</b>	Erysipelothrix rhusiopathiae Vaccine, avirulent live culture	<b>CAS No.</b>	NA
<b>Synonyms</b>	NA	<b>U.N. No.</b>	NA
<b>Chemical Formula</b>	NA	<b>EINECS No.</b>	NA
<b>Chemical Family</b>	Veterinary Vaccine.	<b>In Case of Emergency</b> 515-955-6033	
<b>Material Uses</b>	Veterinary Biological.		
<b>Packaging</b>	Plastic bottles.		
<b>Formula Type</b>	Oral vaccine solution - lyophilized cake and sterile diluent		

## Section 2. Composition - Information on Ingredients

Name of Ingredients	CAS No.	Conc.	EU Symbol	R Phrase
1) Erysipelthorix rhusiopathiae, avirulent live culture	NA	>90%		
2) Sterile diluent (nonhazardous) in separate container	NA	100%		

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

<b>Acute Health Effects</b>	Adverse health effects are considered unlikely when the product is administered according to label directions.
<b>Chronic Health Effects</b>	Not considered to be toxic for humans.
<b>Environmental Hazards</b>	Releases of small quantities are unlikely to affect adversely the functioning of water treatment plants.

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

<b>Eye Contact</b>	May cause eye irritation.
<b>Skin Contact</b>	NO KNOWN EFFECT. After contact with skin, wash immediately with plenty of water.
<b>Inhalation</b>	No specific data.
<b>Ingestion</b>	If ingested, seek medical advice immediately and show the container or the label.
<b>Notes to Medical Doctor</b>	For self-inoculation, immediately wash injection site with soap and water. Bleeding, if present, from the puncture wound should be encouraged. Direct treatment at control of symptoms.

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**Section 5. Fire-Fighting Measures**

<b>Extinguishing Media and Instructions</b>	Aqueous solutions are non-flammable. Use DRY chemicals, CO2, alcohol foam or water spray.
<b>Special Exposure Hazards</b>	None. Dispose of fire debris and contaminated fire fighting water in accordance with regulations.
<b>Special Fire Fighting Protective Equipment</b>	Full fire-fighting attire and approved certified self-contained breathing apparatus worn only by qualified persons.

**Section 6. Accidental Release Measures**

<b>Small Spill Guidelines</b>	Absorb with an inert material and place in an appropriate waste disposal container.
<b>Large Spill Guidelines</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Call for assistance on disposal.
<b>Environmental Precautions</b>	Keep out of waterways.

**Section 7. Handling and Storage**

<b>Handling (ventilation and fire prevention)</b>	No special measures required.
<b>Storage (conditions and limitations)</b>	Keep only in the original container at a temperature not exceeding 7 deg. C. S02- Keep out of the 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	No special measures required.			
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**

<b>Physical State and Appearance</b>	Opaque liquid	<b>Odor</b>	Odorless.
<b>Molecular Weight</b>	unknown	<b>Color</b>	Reddish-white.
<b>Boiling Point</b>	unknown	<b>pH</b>	6 - 8
<b>Melting/Freezing Point</b>	unknown		
<b>Density/Bulk Density</b>	unknown		
<b>Vapor Pressure</b>	unknown		
<b>Vapor Density</b>	unknown		

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<b>Suvaxyn E-oral</b>		<b>Page Number: 3 of 5</b>
<b>Viscosity</b>	unknown	
<b>Partition Coefficient</b>	unknown	
<b>Solubility</b>	Easily soluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.	
<b>Flash Point</b>	NA	
<b>Autoignition Point</b>	NA	
<b>Explosion Limits</b>	NA	
<b>Dust Explosivity</b>	NA	

<b>Section 10. Stability and Reactivity</b>	
<b>Conditions to Avoid and Incompatibility</b>	The product is stable.
<b>Decomposition Products</b>	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 considered to be toxic for the reproductive system.		
Other Effects		Adverse health effects are considered unlikely when the product is administered according to label directions.		

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**Section 12. Ecological Information**

**Environmental Fate** Not evaluated. No known significant effects or critical hazards.

**Environmental Hazards** Releases of small quantities are unlikely to affect adversely 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 environmental control regulations.

*Note: The waste generator must be informed of and follow all applicable rules and regulations for the handling and disposal of waste.*

**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.

**ICAO/IATA (Air Transport)** Not controlled under IATA.

**CEFIC Tremcard**

HI Kemler

**U.S.A. DOT Class** Not a DOT controlled material (United States).

NFPA

Health

Flammability

Reactivity

Specific hazard

**RQ**

**Packaging Instructions**

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

**(R) Risk Phrases**

**(S) Safety Phrases** S25- Avoid contact with eyes

*NOTE: This product has been classified in accordance with applicable country-specific regulations.*

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**Section 16. Other Key Information**

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

10 October 2003 **Responsible for MSDS:** FDAH Environmental, Health, and Safety Department

Fort Dodge Animal Health -- A Division of Wyeth Corporation

**Notice to Reader**

*\* This symbol indicates information which has changed from the previous MSDS.*

*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.*