



Material Safety Data Sheet

DOT	HCS Risk Phrases	Protective Clothing
	Not controlled under the HCS (United States)	

Section 1: Product Identification and Uses

Common/Trade name	Ingelvac® ERY-ALC (1541.00)	Cl#	Not available
Synonyms	Erysipelothrix Rhusiopathiae Vaccine, Live Culture, Erysipelothrix Rhusiopathiae Vaccine, Live Culture (frozen form)	TSCA	TSCA inventory: No products were found.
Chemical name	Not available	CAS#	Not available
Chemical formula	Not available	Code	MSDS ID#: N1541.00
Chemical family	Not available.	Molecular weight	Not available
Supplier	Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph MO 64506-2002	Manufacturer	Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph MO 64506-2002 816-233-2571
Material uses	Vaccine		

Section 2: Hazardous Ingredients

Name	CAS#	% by Weight	TLV/PEL	LC50 / LD 50
No hazardous ingredient.				

Section 3: First Aid Measures

Eye contact	Flush eyes with copious amounts of potable water.
Skin contact	Flush with copious amounts of potable water.
Hazardous skin contact	No additional information.
Slight inhalation	No information available regarding inhalation. Seek immediate medical attention.
Hazardous inhalation	No additional information.
Slight ingestion	No information available regarding ingestion. Notify physician or Poison Control Center immediately.
Hazardous ingestion	Not available

Section 4: Physical Data

Physical state and appearance	Liquid or frozen liquid.	Odor	Not available
PH (1% soln/water)	Not available	Taste	Not available
Odor threshold	Not available	Color	Cream to tan opaque
Volatility	Not available		
Melting/Sublimation point	Not available		
Boiling/Condensation point	Not available		

Specific gravity (Water=1)	Not available
Vapor density	Not available
Vapor pressure	Not available
Water/oil dist. Coeff.	Not available
Ionicity (surface active agent)	Not available
Critical temperature	Not available
Instability temperature	Not available
Conditions of instability	Not available
Dispersion properties	Not available
Solubility	Not available

Section 5: Fire and Explosion Data

The product is:	Not available
Auto-ignition temperature	Not available
Fire degradation products	Not available
Flash points	Not available
Flammable limits	Not available
Fire extinguishing procedures	Aqueous solutions are non-flammable.
Flammability	Not available
Risks of explosion	Non-explosive

Section 6: Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	Not available.
Degradability	Not available
Product of degradation	Not available Not available
Corrosivity	Not available
Reactivity	No known incompatibilities.


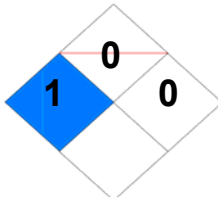
Section 7: Toxicological Properties

Routes of entry	Not applicable
TLV	Not available
Toxicity for animals	LD50: Not available LC50: Not available
Environmental hazards	Not available
Chronic effects on humans	Effects of overexposure: Not for human use. For oral use in swine only. Follow label directions to minimize risk of accidental human exposure. Contains attenuated, live <i>Erysipelothrix rhusiopathiae</i> . Data regarding human exposure to this attenuated microorganism are limited. The attenuated microorganism is not known to be pathogenic for healthy individuals. Handling of frozen product may require adequate protection of skin from exposure to extremely low temperatures; handle with care.
Acute effects on humans	Not for human use. Animal inoculation only, accidental injection to humans can cause local reactions. Contact a physician immediately if accidental injection occurs.

Section 8: Preventive Measures

Waste information	Dispose of in accordance with USDA Veterinary Services Memorandum 800.56.
Waste stream	Not available
Storage	Store according to label directions.
Precautions	For injectable use in swine only. Follow label directions to minimize risk of accidental human exposure.
Small spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Follow applicable waste regulations for disposal.
Large spill and leak	No additional information.
Protective Clothing	Splash goggles.

Section 9: Classification

DOT	Not a DOT controlled material (United States).									
Maritime transportation	Not available									
HCS	Not an HCS controlled material in USA.									
Federal and State Regulations	Not applicable									
HMIS (U.S.A.)	<table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr><tr><td>Personal Protection</td><td>n</td></tr></table>	Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	n	<div><div><div>National Fire Protection Association (U.S.A.)</div><div></div><div>Fire Hazard</div><div>Reactivity</div><div>Specific hazard</div></div></div>
Health Hazard	1									
Fire Hazard	0									
Reactivity	0									
Personal Protection	n									

Section 10: Protective Measures

Protective clothing	Goggles.
Engineering controls	No special ventilation requirements.

Section 11: Other Information

References	Not available
Comment: Ingelvac ERY ALC is an avirulent live vaccine. In the event of an accidental human exposure, the organism is sensitive to Ampicillin, Cephalothin, Cefotiofur, Clindamycin-Lincomycin, Enrofloxacin, Erythromycin, Neomycin, Oxytetracycline, Penicillin, Potentiated Sulfa, Sulfachlorophyridazine and Tylosin.	
Validated by Company: 3/22/05	

CALL 1(800) 821-7467

Emergency Medical: (800)530-5432

Chemtrec: (800)424-9300

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