



# Material Safety Data Sheet

DOT	HCS Risk Phrases	Protective Clothing
	Not an HCS controlled material in USA.	

## Section 1: Product Identification and Uses

Common/Trade name	Enterisol® Ileitis FF (10L1.00)	CI#	Not available
Synonyms	Lawsonia Intracellularis Vaccine, Avirulent Live Culture (frozen form)	TSCA	TSCA inventory: No products found.
Chemical name	Not available	CAS#	Not applicable
Chemical formula	Not available	Code	MSDS ID#: N10L1.00
Chemical family	USDA veterinary biologic	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 ingredients	NA	NA	NA	NA

## Section 3: First Aid Measures

Eye contact	Flush eyes with copious amounts of water.
Skin contact	Wash site of accidental exposure and apply antiseptic.
Hazardous skin contact	No additional information.
Slight inhalation	No information available regarding inhalation.
Hazardous inhalation	No additional information.
Slight ingestion	No information available regarding ingestion.
Hazardous ingestion	Not available

**Section 4: Physical Data**

Physical state and appearance	Solid (frozen)	Odor	Not available
PH (1% soln/water)	Not available	Taste	Not available
Odor threshold	Not available	Color	Yellow to orange red translucent to opaque frozen liquid
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	Possibly hazardous short term degradation products are not likely.
Corrosivity	Not available
Reactivity	No known incompatibilities.


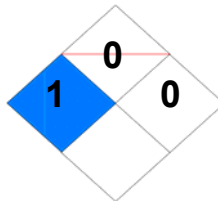
**Section 7: Toxicological Properties**

Routes of entry	Oral
TLV	Not available
Toxicity for animals	LD50: Not available LC50: Not available
Environmental hazards	Not available
Chronic effects on humans	There is no known effect from chronic exposure to this product. Not for human use. For oral use in swine only. Follow label directions to minimize risk of accidental human exposure.
Acute effects on humans	Contains attenuated, live <i>Lawsonia intracellularis</i> . Data regarding human exposure to this attenuated microorganism are limited. The attenuated microorganism is known to be non-pathogenic for healthy individuals.

**Section 8: Preventive Measures**

Waste information	Dispose of in accordance with USDA Veterinary Services Memorandum 800.56
Waste stream	Not available
Storage	Read and follow all label instructions, store as directed on label.
Precautions	For oral use in swine only. Follow label directions to minimize risk of accidental human exposure.
Small spill and leak	Contain spills, apply absorbent, and dispose as noted in Waste information.
Large spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Protective Clothing	Gloves are recommended whenever using injectable or frozen vaccines. Safety glasses/goggles are also recommended. Handling of frozen product may require adequate protection of skin from exposure to extremely low temperatures; handle with care.

**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>p</td></tr></table> <div><div>National Fire Protection Association (U.S.A.)</div><div><div>Fire Hazard Reactivity Specific hazard</div></div></div>		Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	p
Health Hazard	1									
Fire Hazard	0									
Reactivity	0									
Personal Protection	p									

**Section 10: Protective Measures**

Protective clothing	Gloves are recommended whenever using injectable or frozen vaccines. Safety glasses are recommended.
Engineering controls	Good general ventilation is recommended during administration of product..

**Section 11: Other Information**

References	Not available
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Validated by Company: 5/08/06	

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