



Material Safety Data Sheet

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

Section I. Product Identification and Uses

Common/Trade name	BAR-GUARD-99™ (3526.00)	Cl#	Not available.
Synonyms	Escherichia Coli Antiserum, Equine Origin	TSCA	TSCA inventory: No products were found.
Chemical name	Not applicable.	CAS#	Not applicable.
Chemical formula	Not available.	Code	MSDS ID#: B3526.00
Chemical family	Not available.	Molecular weight	Not applicable.
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 II. Hazardous Ingredients

Name	CAS#	% by Weight	Exposure Limits	LC ₅₀ / LD ₅₀
1) Cresol (Ortho, meta and para isomers)	o= 95-48-7 m= 108-39-4 p= 106-44-5	</=0.3% v/v	5 ppm or 22 mg/m ³ Air, TWA 8 hour	LD50, Oral, Mouse 831 mg/Kg LD50, Oral, Rat 1454 mg/Kg

Section III. Physical Data

Physical state and appearance	Liquid.	Odor	Not available.
PH (1% soln/water)	Not available.	Taste	Not available
Odor threshold	Not available.	Color	Brown.
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	No additional remark.
Dispersion properties	See solubility in water.
Solubility	Not available.

Section IV. First Aid Measures

Eye contact	Flush eyes with copious amounts of water.
Skin contact	Not considered to be a skin irritant. However, if irritation occurs consult a physician.
Slight inhalation	No information available regarding inhalation. Seek immediate medical attention.
Slight ingestion	No information available regarding ingestion. Notify physician or Poison Control Center immediately.

Section V. Fire and Explosion Data

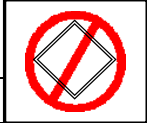
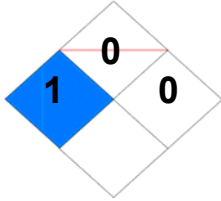
The product is:	Not available.
Auto-ignition temperature	Not available.
Fire degradation products	Not available.
Flash points	Not available.
Flammable limits	Not available.
Fire extinguishing procedures	Not available.
Flammability	Not available.
Risks of explosion	Non-explosive.


Section V. Reactivity Data

Stability	The product is stable.
Hazardous decomp. Products	None known.
Degradability	Not available.
Product of degradation	None known. Not available.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	No known incompatibilities.

Section VII. Toxicological Properties	
Routes of entry	Accidental injection.
TLV	Not available.
Toxicity for animals	Not available.
Chronic effects on humans	Not for human use. In case of accidental injection, wash thoroughly, disinfect and consult your physician. The serum is pasteurized and is packaged as a sterile, nonviable product.
Acute effects on humans	Not for human use. Animal inoculation only, accidental injection to humans can cause serious local reactions. Consult a physician immediately if accidental injection occurs. The vaccine is packaged as a sterile, nonviable product.

Section VIII. Preventive Measures	
Waste information	Dispose of in accordance with City, State, and Federal regulations.
Waste stream	Not available.
Storage	Store at a temperature not over 45 degrees F. Do not freeze.
Precautions	No additional information.
Small spill and leak	Absorb with an inert material and place in an appropriate waste disposal container. Follow applicable waste regulations for disposal.
Large spill and leak	No additional information.
Protective Clothing	Splash goggles.

Section IX. 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 border="1" data-bbox="415 1381 734 1545"> <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> <p data-bbox="781 1402 1003 1455">National Fire Protection Association (U.S.A.)</p>  <p data-bbox="1239 1423 1352 1444">Fire Hazard</p> <p data-bbox="1239 1497 1336 1518">Reactivity</p> <p data-bbox="1239 1549 1385 1570">Specific hazard</p>	Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	n
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								
Personal Protection	n								

Section X. Protective Measures	
Protective clothing	Splash goggles. 
Engineering controls	No special ventilation requirements.

Section XI. Other Information

References

Not available.

Validated by Company on 3/21/05

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