



# Material Safety Data Sheet

<b>DOT</b>	<b>HCS Risk Phrases</b>	<b>Protective Clothing</b>
	Not an HCS controlled material in USA.	

## Section I. Product Identification and Uses

Common/Trade name	Bar-Vac® 8 (7160.00)	CI#	Not available.
Synonyms	Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C&D Bacterin-Toxioid	TSCA	TSCA inventory: No products were found.
Chemical name	Not applicable.	CAS#	Not applicable.
Chemical formula	Not available.	Code	MSDS ID#: B7410.00
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 <sub>50</sub> / LD <sub>50</sub>
1) Formaldehyde	50-00-0	.5	.75 ppm TWA 2 STEL	ORAL (LD50): Acute: 800 mg/kg (Rat.). DERMAL (LD50): Acute: 270 mg/kg (Rabbit). DUST (LC50): Acute: 724.7 mg/m <sup>3</sup> 4 hour(s) (Rat.).
2) Phenol	000108952	.5	TWA: 5, CEIL: 10(ppm)	Not available.

## 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 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	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 a skin irritant. After contact with skin, wash immediately with plenty of water. If irritation occurs, seek immediate medical attention.
Slight inhalation	No information available regarding inhalation. Seek immediate medical attention.
Slight ingestion	No information available regarding ingestion. Seek medical attention.

#### **Section V. Fire and Explosion Data**


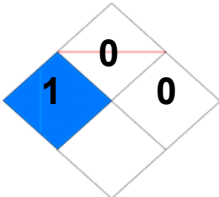
The product is:	Not available.
Auto-ignition temperature	Not available.
Fire degradation products	Not available.
Flash points	Not available.
Flammable limits	Not available.
Fire extinguishing procedures	Not available.
Flammability	Not available.
Risks of explosion	Non-explosive.


#### **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.

<b>Section VII. Toxicological Properties</b>	
Routes of entry	Accidental injection.
TLV	Not available.
Toxicity for animals	Not available.
Chronic effects on humans	<b>CARCINOGENIC EFFECTS:</b> Classified A2 (Suspected for human.) by ACGIH [Formaldehyde]. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> PROVEN [Formaldehyde]
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.

<b>Section VIII. Preventive Measures</b>	
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.
Large spill and leak	No additional information.
Protective Clothing	Splash goggles.

<b>Section IX. Classification</b>													
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="418 1396 735 1558"> <tr> <td>Health Hazard</td> <td>Health</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td></td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td></td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>n</td> <td></td> </tr> </table> <p data-bbox="781 1409 1003 1461">National Fire Protection Association (U.S.A.)</p>  <p data-bbox="1239 1430 1349 1451">Fire Hazard</p> <p data-bbox="1239 1507 1333 1528">Reactivity</p> <p data-bbox="1239 1560 1382 1581">Specific hazard</p>	Health Hazard	Health	1	Fire Hazard		0	Reactivity		0	Personal Protection	n	
Health Hazard	Health	1											
Fire Hazard		0											
Reactivity		0											
Personal Protection	n												

<b>Section X. Protective Measures</b>	
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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