



MATERIAL SAFETY DATA SHEET

IDENTITY	
Vib Shield Plus L5	Product # 133, 134
Section I	
Manufacturer's Name Novartis Animal Health US, Inc.	Emergency Telephone Number CHEMTREC – U.S. 800-424-9300 International 703-527-3887 (Collect)
Address (Number, Street, City, State, and Zip Code)	Telephone Number for Information (712) 477-2811
1447 140 th Street	Date Prepared November 18, 1992
Larchwood, IA 51241-9778	Revised Date: June 3, 2003 Signature of Preparer (optional)
Section II - Hazardous Ingredients/Identity Information	
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL ACGIH TLV Other limits Recommended % (optional)
Thimerosal (merthiolate)	0.01 mg of Hg/ m ³ ≤ 0.03
Thimerosal is an organomercury compound.	
Formaldehyde	0.75 ppm 0.3 ppm ≤ 0.5
Section III - Physical/Chemical Characteristics	
Boiling Point	NA
Vapor Pressure (mm Hg.)	NA
Vapor Density (AIR = 1)	NA
Solubility in Water	Yes
Appearance and Odor	Opaque liquid
Section IV - Fire and Explosion Hazard Data	
Flash Point (Method Used)	Flammable Limits
NA	NA
Extinguishing Media	LEL UEL
	NA NA
Special Fire Fighting Procedures	Wear protective clothing and a self contained breathing apparatus as appropriate for the surrounding fire.
Unusual Fire and Explosion Hazards None	

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid Thimerosal will decompose with heat.
	Stable	X	
Incompatibility (Materials to Avoid) None			
Hazardous Decomposition or Byproducts Mercury, carbon monoxide, or carbon dioxide			
Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes
Health Hazards (Acute and Chronic) The product may be irritating in the case of skin or eye contact. Thimerosal is a toxic compound.			
Carcinogenicity:	NPT?	Yes	IARC Monographs? Yes OSHA Regulated? Yes
Emergency and First Aid Procedures In case of skin or eye contact, flush with plenty of water. If the product is ingested, wash the mouth out with water and call a physician. In case of accidental injection, wash the puncture site and see a physician immediately.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled			
Clean up the spill with absorbent material, and afterwards, wash the site thoroughly with water.			
Waste Disposal Method			
Dispose in accordance with all applicable federal, state and local environmental regulations.			
Precautions to Be Taken in Handling and Storing			
Refrigerate the product (2° to 7° C) {35° to 45° F}. Keep the container closed when stored, and shake well before using.			
Other Precautions N/A			
Section VIII - Control Measures			
Respiratory Protection (Specify Type)			
An approved cartridge respirator for large spills			
Ventilation	Local Exhaust	No	Special NA
	Mechanical (General)	Yes	Other NA
Protective Gloves	Vinyl or nitrile		Eye Protection
			Goggles
Other Protective Clothing or Equipment			
NA			
Work/Hygienic Practices			
Take precautions to prevent accidental injections.			

Section IX - Regulatory Information

Component: Thimerosal

Mercury and mercury compounds are subject to CWA, SDWA, CAA, RCRA, CERCLA, SARA (Secs. 312 and 313), DOT and 29 CFR 1910.1200 regulations.

Component: Formaldehyde

Formaldehyde is subject to SARA (Secs. 312 and 313), CERCLA, and 29 CFR 1910.1048 regulations

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