



## MATERIAL SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION OF PRODUCT AND COMPANY

<b>Pfizer Inc</b>	<b>Emergency telephone</b>	1-866-531-8896
<b>Pfizer Animal Health</b>	<b>Hours of operation</b>	24 Hours
<b>235 East 42nd Street</b>	<b>Telephone</b>	1-800-366-5288
<b>New York, NY 10017</b>		

<b>Trade names</b>	<b>CattleMaster GOLD FP 5 L5</b>
<b>Product name</b>	Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza <sub>3</sub> -Respiratory Syncytial Virus Vaccine, Modified Live & Killed Virus- <i>Leptospira Canicola-Grippotyphosa-Hardjo-Ichterohaemorrhagiae-Pomona</i> Bacterin
<b>Therapeutic use</b>	Veterinary Vaccine
<b>Description</b>	Freeze-dried preparation plus a liquid adjuvanted preparation

### SECTION 2 - COMPOSITION

<u>Ingredient</u>	<u>CAS Number</u>	<u>Amount</u>
Bovine Parainfluenza <sub>3</sub>	Not assigned	Trade secret
Bovine Respiratory Syncytial Virus	Not assigned	Trade secret
Bovine Rhinotracheitis	Not assigned	Trade secret
Bovine Virus Diarrhea	Not assigned	Trade secret
<i>Leptospira canicola</i>	Not assigned	Trade secret
<i>Leptospira grippotyphosa</i>	Not assigned	Trade secret
<i>Leptospira hardjo</i>	Not assigned	Trade secret
<i>Leptospira icterohaemorrhagiae</i>	Not assigned	Trade secret
<i>Leptospira pomona</i>	Not assigned	Trade secret
Gentamicin*	1403-66-3	Trace
Merthiolate (as mercury)*	54-64-8	Trace
Quil-A saponin*	66594-14-7	Trade secret
Cholesterol*	57-88-5	Trade secret
Amphigen base	Not assigned	Trade secret

\*Hazardous

Note: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

### SECTION 3 - HAZARDS IDENTIFICATION

<b>Signal word</b>	Not applicable
<b>Statements of hazard</b>	Not applicable

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**SECTION 3 - HAZARDS IDENTIFICATION** ... continued

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<b>Eye effects</b>	None known; however, direct contact with any foreign material may cause eye irritation.
<b>Skin effects</b>	None known
<b>Inhalation effects</b>	An Occupational Exposure Limit has been established for one or more of the ingredients (see Section 8).
<b>Ingestion effects</b>	None known
<b>Other potential health effects</b>	In the event of accidental injection, an allergic reaction may occur. If an allergic reaction occurs, the worker should be removed to the nearest emergency room and the appropriate therapy instituted. Saponins have little toxicity for humans when ingested but have hemolytic effects when injected intravenously.
<b>Route of entry</b>	Accidental injection
<b>NOTE:</b>	This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

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**SECTION 4 - FIRST AID MEASURES**

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<b>Skin</b>	Wash skin with soap and water. If irritation occurs or persists, get medical attention.
<b>Eyes</b>	Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
<b>Ingestion</b>	Get medical attention. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

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**SECTION 5 - FIRE FIGHTING MEASURES**

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<b>General hazard</b>	This material is not expected to support combustion.
<b>Fire fighting instructions</b>	Dike and collect water used to fight fire.
<b>Extinguishing media</b>	As for primary cause of fire.
<b>Flash point</b>	Non-flammable
<b>Hazardous combustion products</b>	Not known

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>General</b>	Review Sections 3, 8 and 12 before proceeding with clean up.
<b>Small spill</b>	Contain the source of the spill or leak. Wipe up with a damp cloth and place in container for disposal. Clean spill area thoroughly. Prevent discharge to drains.
<b>Large spill</b>	Spills should be handled by vacuuming or wet mopping. Transfer all waste to a labeled container and move it to a secure holding area.

## SECTION 7 - HANDLING AND STORAGE

<b>General handling</b>	Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing dust, vapor or mist. Use appropriate personal protective equipment.
<b>Storage conditions</b>	Store under refrigeration in closed container.
<b>Temperature range for storage</b>	2-7°C (35 - 45°F)

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits			
<u>Compound</u>	<u>Issuer</u>	<u>Type</u>	<u>OEL</u>
Merthiolate (as mercury)	OSHA	TWA-8 Hr	0.01 mg/m <sup>3</sup> (skin)
	ACGIH	TWA-8 Hr	0.1 mg/m <sup>3</sup> (skin)
<b>Exposure information</b>	See exposure limits for component (s) listed above.		
<b>Ventilation</b>	Engineering controls should be used as the primary means to control exposures. Exposure monitoring may be necessary to determine requirements.		
<b>Respiratory protection</b>	In the event of a spill where the applicable Occupational Exposure Limit (OEL) may be exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures below the OEL.		
<b>Eye protection</b>	Wear safety glasses or goggles if eye contact is possible.		
<b>Skin protection</b>	Wear protective clothing when working with large quantities. Wash hands and arms thoroughly after handling this material.		
<b>Hand protection</b>	Wear impervious gloves if skin contact is possible.		

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical form</b>	Freeze-dried preparation plus liquid
<b>Color</b>	No data available

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES** ... continued

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<b>Molecular weight</b>	Mixture
<b>Molecular formula</b>	Mixture
<b>pH</b>	7.0 +/- 1.5 standard pH units
<b>Boiling point</b>	>100°C
<b>Melting point</b>	Not applicable
<b>Density</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Water solubility</b>	Components are soluble in water
<b>Solvent solubility</b>	No data available
<b>Specific gravity</b>	1.0 +/-0.2

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**SECTION 10 - STABILITY AND REACTIVITY**

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<b>Reactivity</b>	Stable
<b>Conditions to avoid</b>	Store at 2°-7°C. Prolonged exposure to higher temperatures may adversely affect potency. Do not freeze.
<b>Incompatibilities</b>	This material can be denatured or inactivated by a variety of organic solvents, salts or heavy metals.
<b>Hazardous decomposition products</b>	None expected under normal conditions.
<b>Hazardous polymerization</b>	Will not occur

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**SECTION 11 - TOXICOLOGY INFORMATION**

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<b>Toxicology summary</b>	The antigens included in this product are non-infectious. All have been prepared from killed or inactivated preparations of microorganisms.
<b>Acute toxicity</b>	
<b>Eye</b>	No data available
<b>Skin</b>	No data available
<b>Inhalation</b>	No data available
<b>Ingestion</b>	No data available
<b>Mutagenicity</b>	Not determined for this mixture.

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**SECTION 11 - TOXICOLOGY INFORMATION** ... continued

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<b>Sensitization</b>	This product contains merthiolate which is considered to be a skin sensitizer.
<b>Subchronic effects</b>	No data available
<b>Chronic effects/ carcinogenicity</b>	Not determined for this mixture.
<b>Carcinogen status</b>	None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.
<b>Reproductive effects</b>	Not considered to be a reproductive hazard.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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<b>Environmental overview</b>	The environmental characteristics of this material have not been fully evaluated. This product contains trace quantities of mercury, releases to the environment should be avoided.
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**SECTION 13 - DISPOSAL INFORMATION**

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<b>Disposal procedure</b>	Observe all local and national regulations when disposing of this material.  This product contains trace quantities of mercury and may qualify as a RCRA Hazardous Waste. Status should be confirmed using the EPA Toxicity Characteristic Leaching Procedure (TCLP).
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**SECTION 14 - TRANSPORTATION INFORMATION**

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<b>General shipping instructions</b>	Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.
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**SECTION 15 - REGULATORY INFORMATION**

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<b>EU Classification</b>	Not classified
<b>California Proposition 65</b>	Mercury (as Merthiolate); Aminoglycosides
<b>Canadian WHMIS</b>	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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**SECTION 16 - OTHER**

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**Disclaimer**

**Pfizer Inc believes that the information contained in this Material Safety Data Sheet is accurate. While Pfizer provides this information in good faith, it does not expressly or impliedly warrant its accuracy.**