



MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Equell

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I	
Manufacturer's Name Virbac Corp.	Emergency Telephone Number 888-524-6332
Address (Number, Street, City, State and ZIP Code) P.O. Box 162059 Fort Worth, TX 76161	Telephone Number for Information 877-888-7035
	Date Prepared September 30, 2009
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

COMPOSITION:

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Ivermectin Comp. Bla	N/A	N/A		1.87
Ivermectin Comp. Blb	N/A	N/A		17.02

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	Not Established	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water
Not Established

Appearance and Odor: Odorless, White, Thick, Smooth Paste

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	Not available	LEL	Not Available	UEL	Not Available
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Extinguishing Media
Water spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials.

Special Fire Fighting Procedures
Fire fighters should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards
Unknown

(Reproduce locally)

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None Known
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): None Known			
Hazardous Decomposition or Byproducts If involved in a fire, toxic gases including carbon monoxide and carbon dioxide may be generated.			
Hazardous Polymerization	May Occur		Conditions to Avoid –
	Will Not Occur	X	None Known
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation: No Skin: No Ingestion: No			
Health Hazards (<i>Acute and Chronic</i>) Acute: Possible eye, skin, gastrointestinal and/or respiratory tract irritation. Chronic: Possible hypersensitization and superinfections.			
Carcinogenicity: NTP? IARC Monographs? OSHA Regulated? No components are listed as carcinogenic NPT, IARC, or OSHA.			
NOTE TO PHYSICIAN: Treatment is controlled removal of exposure followed by symptomatic and supportive care.			
Medical Conditions Generally Aggravated by Exposure None presently known.			
Emergency and First Aid Procedures Contact nearest poison control center.			
Eye Contact: Rinse eyes with water for a minimum of 15 minutes and call a physician if irritation persists. Inhalation: No inhalation exposure is expected with this formulation under normal conditions of use. Ingestion: Call a physician or Poison Control Center. Get medical attention immediately. Skin Contact: Wash affected areas promptly with soap and water. Remove contaminated clothing and wash before reuse. If irritation occurs or persists, get medical attention.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled Shovel or sweep up spilled material and place in an appropriate container for disposal. Use suitable protective equipment. Contact emergency response personnel for large spills. Keep unnecessary persons away.			
Waste Disposal Method Ivermectin: LC50 EPA classification=25ppt (parts per trillion), very toxic to aquatic organisms. Ivermectin is very toxic to certain aquatic species. Avoid contact of spilled materials and runoff with soil and surface waterways. Residual surface material should be removed with towels moistened with methanol. Incinerate all spill material and residues at temperatures greater than 600degree C. Dogs or cats may be adversely affected by the concentration of Ivermectin in this product if they are allowed to ingest spilled paste or have access to used syringes.			
Precautions to Be Taken in Handling and Storing Store in a cool, dry place below 30degrees C. Avoid contact with eyes and skin. Do not ingest. Refrain from smoking or eating when handling. Wash thoroughly after use. Store upright.			
Other Precautions Keep out of reach of children.			
Section VIII - Control Measures			
Respiratory Precaution (<i>Specify Type</i>) None required.			
Ventilation	Local Exhaust	N/A	Special N/A
	Mechanical (<i>General</i>)	N/A	Other N/A
Protective Gloves	Rubber gloves for prolonged or repeated exposure		Eye Protection Glasses or Goggles
Other Protective Clothing or Equipment Protective clothing such as coveralls or apron.			
Work/Hygienic Practices Wash hands before using.			
OTHER			

The information contained herein is considered to be correct as of the date of this data sheet but does not purport to be all inclusive and shall be used only as a guide.

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