

Identity: Zema® 35-Day Dip for Dogs

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Section I

Supplier Information:

Emergency Telephone Number

Name: VIRBAC CORP. (Virbac AH Inc.,
Allerderm®, Francodex®, Mardel®, St.
JON®, PMResources, Zema®)Contact: **POISON CONTROL CENTER or 911**

Address: P. O. BOX 162059

City: FORT WORTH

State: TX 76161

Telephone Number for Information

Contact Virbac: 800/338-3659

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Special Chemical Identification; Common Name)	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
Permethrin	Not Applicable	Not Applicable	Not Applicable	52645-53-1	5.7
Inert Ingredients	Not Applicable	Not Applicable	Not Applicable		94.3

Section III - Physical/Chemical Characteristics

Boiling Point:	Not Applicable
Specific Gravity (H ₂ O = 1):	1.00
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Miscible
Appearance and Odor:	Clear to White Emulsion

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	Above 210°F
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Dry chemical, carbon dioxide, or foam
Special Firefighting Procedures:	Wear self-contained breathing apparatus, MSHA/NIOSH approved and full protective gear. Cool fire exposed areas and equipment.
Unusual Fire and Explosion Hazards:	Usually pesticide precautions.

Section V - Reactivity Data

Stability	STABLE
Incompatibility	(Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, HCl gas
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	Heat or open flame

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Section VI - Health Hazard Data

Routes of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic):
Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure:
May be irritating to the skin, eyes or upper respiratory tract.

Medical Conditions Generally Aggravated by Exposure: None presently known.

Emergency and First Aid Procedures

INGESTED: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting. If person is unconscious do not give anything by mouth and do not induce vomiting.

SKIN CONTACT: Wash affected areas promptly with soap and water. Rinse thoroughly. Remove contaminated clothing. Call a physician if irritation persists.

EYE CONTACT: Rinse eyes with water for a minimum of 15 minutes and call a physician if irritation persists.

INHALATION: If symptoms of overexposure are noted, reduce exposure by supplying fresh air. Should not cause breathing problems.

Note to Physician:

Do not administer or instill milk, cream or other substances containing vegetable or animal fats, which enhance absorption of lipophilic substances.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill. Soak up with absorbent. Dispose of with chemical waste.

Waste Disposal Method: Small amounts-flush down drain with large volume of water. Large amounts should be disposed of with chemical waste.

Precautions to be Taken in Handling or Storage: Store upright at room temperature. Avoid heat or open flames.

Other Precautions: Keep out of the reach of children. Toxic to fish.

Section VIII - Control Measures

Respiratory Protection: None required when used in a well-ventilated area.

Ventilation Local Exhaust: Not Applicable
Special: Not Applicable
Mechanical (General): Not Applicable

Protective Gloves: Rubber gloves for prolonged or repeated exposure

Eye Protection: Goggles

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Wash hands after using.

Section IX - Additional Information

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared by QA Department
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