

SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Wazine[®] 34		[GHS Classification] N/A	
Product Use Anthelmintic for poultry and swine			
Manufacturer's Name Fleming Laboratories, Inc.		Supplier's Name Fleming Laboratories, Inc.	
Street Address 2215 Thrift Road		Street Address 2215 Thrift Road	
City Charlotte	State N.C.	City Charlotte	State N.C.
Postal Code 28208	Emergency Telephone 1-800-255-3924	Postal Code 28208	Emergency Telephone 1-800-255-3924
Date SDS Prepared May 2015	SDS Prepared By Fleming Laboratories, Inc.	Phone Number 1-704-372-5613	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ of Ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Dipiperazine Sulfate Solution	28-29	None	Unknown	Unknown

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
[Emergency Overview]					
[GHS Symbols]					
Potential Health Effects skin irritant and sensitizer, including respiratory tract					

SECTION 4 — FIRST AID MEASURES

Skin Contact	Wash with warm soapy water
Eye Contact	Flush thoroughly with water for 15 minutes
Inhalation	Remove to fresh air
Ingestion	None considered necessary for small amounts. Otherwise, seek medical assistance.

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SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction Water spray, dry powder, foam, carbon dioxide			
Flashpoint (°C) and Method N/A		Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Autoignition Temperature (°C) N/A		Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products Carbon monoxide, carbon dioxide, nitrous gases, oxides of sulfur			
(NFPA)			

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Contain any spill and keep out of sewers and waterways. Apply suitable chemical absorbant material and place into containers for disposal only in an approved disposal area and in a manner that complies with all regulations. Remove contaminated clothing as soon as possible. Wash skin with warm soapy water and wash all clothing before reuse.
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SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Respiratory protection is normally not necessary. Providing adequate ventilation is recommended, as well as wearing rubber gloves and safety glasses at all times.
Storage Requirements Avoid extreme heat and cold.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits None established <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) Avoid contact with skin, eyes, and clothes. Also avoid inhalation of vapors. Wear a suitable respirator when necessary, and safety gear as noted under Section 7.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Rubber or neoprene gloves and safety glasses or goggles. Other footwear and clothing to prevent direct skin contact.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Aqueous Solution	Odour and Appearance Slight odor. Clear/light yellow	Odour Threshold (ppm)
Specific Gravity 1.170 - 1.200	Vapour Density (air = 1) Like water	Vapour Pressure (mmHg) Like water

Evaporation Rate N/A	Boiling Point (°C) >100°C	Freezing Point (°C) < 0°C
pH 8.0 - 8.7	Coefficient of Water/Oil Distribution	(Solubility in Water)

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Reactivity, and under what conditions? Functions as an aqueous solution of an amine salt	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Possible skin irritation	
Effects of chronic exposure Possible skin sensitivity	
Irritancy of Product May cause irritation	
Skin sensitization May cause skin sensitization	Respiratory sensitization May cause respiratory sensitization
Carcinogenicity-IARC Unknown	Carcinogenicity - ACGIH Unknown
Reproductive toxicity Unknown	Teratogenicity Unknown
Embrototoxicity Unknown	Mutagenicity Unknown
Name of synergistic products/effects Unknown	

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SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] **Unknown**

[Empty box for Section 12]

SECTION 13 — DISPOSAL CONSIDERATIONS

[Waste Disposal] **Dispose of in accordance with all applicable regulations.**

[Empty box for Section 13]

SECTION 14 — TRANSPORT INFORMATION

[Special Shipping Information] **Not regulated by DOT or IATA regulations**

[Empty box for Section 14]

[TDG]	[DOT]	[PIN]
[IMC]	[ICAO]	

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] Unknown	[OSHA] Not classified
[SERA] Unknown	[TSCA] All components are listed

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

[Empty box for Section 16]