



# Material Safety Data Sheet

Panolog Cream

WW MSDS No. 53501

Section 1. Product and Company Identification	
<b>Manufactured/Supplied by</b>	Fort Dodge Animal Health 800 5th Street NW P.O. Box 518 Fort Dodge, IA 50501 Phone: 515-955-4600 Fax: 515-955-9149
<b>Product Trade Name</b>	Panolog Cream
<b>Common Name</b>	Not applicable.
<b>Synonyms</b>	Not available.
<b>Chemical Formula</b>	Mixture.
<b>Chemical Family</b>	Not available.
<b>Material Uses</b>	Pharmaceutical: Veterinary Pharmaceutical Antibiotic.
<b>Packaging</b>	Not available.
<b>Formula Type</b>	Cream.
<b>Date of Preparation</b>	6 January 2005
<b>Product No.</b>	53501
<b>Formula No.</b>	Not available.
<b>CAS No.</b>	Mixture.
<b>U.N. No.</b>	Not applicable.
<b>EINECS No.</b>	Not applicable.
<b>In Case of Emergency</b>	515-955-6033

Section 2. Composition - Information on Ingredients				
Name of Ingredients	CAS No.	Conc.	EU Symbol	R Phrase
1) Nystatin	1400-61-9	100,000 units/g	Not controlled.	Not controlled.
2) Thiostrepton	1393-48-2	2,500 units/g	Xn	R22
3) Neomycin Sulfate	1405-10-3	2.5 mg/g	Xi	R38
4) Triamcinolone Acetonide	76-25-5	1.0 mg/g	Not controlled.	Not controlled.
5) Inerts (nonhazardous ingredients, including cetearyl alcohol, purified water, and white petrolatum)		Balance	Not controlled	Not controlled

Section 3. Hazards Identification - Summary of Primary Effects and Critical Hazards	
<b>Acute Health Effects</b>	Significant adverse health effects are associated with chronic high level exposures.
<b>Chronic Health Effects</b>	Adverse health effects are associated with chronic high level exposures.
<b>Environmental Hazards</b>	No known significant effects or critical hazards.

**Section 4. First Aid Measures - (by medical responders using "Universal Precautions")**

<b>Eye Contact</b>	Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids. (Check person for contact lenses and remove if present.) If redness or irritation persists have eyes examined by doctor immediately.
<b>Skin Contact</b>	Flush skin with plenty of soap and water for at least 15 minutes (remove all contaminated clothing and shoes). Get medical attention if symptoms persist.
<b>Inhalation</b>	No specific treatment, treat symptomatically. If breathing is difficult give oxygen, if respiratory arrest occurs provide artificial respiration and seek immediate medical assistance.
<b>Ingestion</b>	No specific treatment, treat symptomatically. Call medical doctor or poison control center immediately if large quantities are ingested.
<b>Notes to Medical Doctor</b>	Direct treatment at control of symptoms.

**Section 5. Fire-Fighting Measures**

<b>Extinguishing Media and Instructions</b>	Follow your company's procedures. Use an extinguishing agent suitable for the surrounding class of fire.
<b>Special Exposure Hazards</b>	In certain Fire conditions, traces of other toxic gases may be emitted.
<b>Special Fire Fighting Protective Equipment</b>	No special product precautions or equipment.

**Section 6. Accidental Release Measures**

<b>Small Spill Guidelines</b>	Follow your company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see Section 8). Use a tool to scoop up solid or absorbed material and put into appropriate labeled waste container.
<b>Large Spill Guidelines</b>	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions</b>	No special measures are typically indicated.

**Section 7. Handling and Storage**

<b>Handling (ventilation and fire prevention)</b>	Avoid contact with eyes, skin, and clothing. Avoid generating or breathing product aerosol. Wash after handling.
<b>Storage (conditions and limitations)</b>	Store tightly closed in original container. Keep containers in a well ventilated, secure location.

**Section 8. Exposure Controls and Personal Protection - (normal and intended use)**

<b>Exposure Guidelines</b>	<b>REG. Limit</b>	<b>OSHA (PEL)</b>	<b>ACGIH (TLV®)</b>	<b>Company Guideline</b>
<b>Component</b>				
1) Nystatin	TWA:			0.2400 mg/m <sup>3</sup>
2) Triamcinolone Acetonide	TWA:			0.004 mg/m <sup>3</sup> SKIN
<b>Engineering Design and Control Measures</b>	General ventilation is typically sufficient to keep airborne levels below established values. Provide eye wash and quick drench shower close to work station. Clean, appropriately launder, or dispose of all potentially contaminated work clothing, foot wear, and protective equipment after use.			
<b>Protective Clothing</b>				
<b>Eyes</b>	Safety glasses, goggles or face shield where product aerosol or splash potential exists.			
<b>Skin</b>	Lab coat.			

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**Hands** Gloves, Chemical resistant.

**Respiratory** Respirator selection must be based on anticipated exposure levels, product hazards, and the safe working limits of the selected respirator. A respirator is not needed under normal and intended conditions of product use.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Cream. (Viscous liquid. Oily liquid)	<b>Odor</b>	Characteristic. (Slight.)
<b>Molecular Weight</b>	Mixture.	<b>Color</b>	White to yellowish.
<b>Boiling Point</b>	Not available.	<b>pH</b>	Not applicable.
<b>Melting/Freezing Point</b>	Not available.		
<b>Density/Bulk Density</b>	Not available.		
<b>Vapor Pressure</b>	Not available.		
<b>Vapor Density</b>	Not available.		
<b>Viscosity</b>	Not available.		
<b>Partition Coefficient</b>	Not available.		
<b>Solubility</b>	Partially soluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.		
<b>Flash Point</b>	Not applicable		
<b>Autoignition Point</b>	Not applicable.		
<b>Explosion Limits</b>	Not applicable.		
<b>Dust Explosivity</b>	Not applicable.		

### Section 10. Stability and Reactivity

**Conditions to Avoid and Incompatibility** Slightly reactive to reactive with oxidizing agents, reducing agents.

**Decomposition Products** These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...), halogenated compounds.

### Section 11. Toxicological Information

#### Acute Effects

Component	Test	Result	Route	Species
1) Nystatin	LD50	10000 mg/kg	oral	Rat
	LD50	8000 mg/kg	oral	Mouse
2) Thiostrepton	LD50	>1000 mg/kg	oral	Mouse
3) Neomycin Sulfate	LD50	>8000 mg/kg	oral	Mouse
4) Triamcinolone Acetonide	LD50	5000 mg/kg	oral	Mouse

**Eye Contact** Slightly irritating (USA). Irritating (EU).

**Skin Contact** Slightly irritating (USA). Irritating (EU).

**Inhalation** Not available.

**Ingestion** Practically non-toxic if swallowed.

#### Chronic Effects

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**Target Organs** Not available.

**Adverse Effects Statements** Not available.

**Sensitization** Not available.

**Carcinogenic Effects** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

**Mutagenic Effects** Not mutagenic in a standard battery of genetic toxicological tests.

**Teratogenic Effects** No known human teratogenic effect

**Reproductive Effects** No evidence of human reproductive effects.

**Other Effects** Not available.

**Section 12. Ecological Information**

**Environmental Fate** Not available.

**Environmental Hazards** No known significant effects or critical hazards.

**Ecotoxicity**

Component	Species	Period	Result
No hazardous ingredients			

**Other** Not available.

**Section 13. Disposal Considerations**

**Waste Handling and Disposal** Avoid disposal, make attempts to use product completely in accordance with intended use. Incinerate unwanted products and waste materials.

*Note: The waste generator must be informed of and follow all applicable rules and regulations for the handling and disposal of waste.*

**Section 14. Transport Information**

**Proper Shipping Name, Primary Class, UNNA Number, Packaging Group** Not controlled.

**ADR/RID Classification (Road and Rail Transport)** Not controlled.

**ADNR Classification (Inland Waterways)** Not controlled.

**IMO/IMDG Class (Maritime Transport)** Not controlled.

**ICAO/IATA (Air Transport)** Not controlled.

**CEFIC Tremcard** Not available.

**HI Kemler** Not available.

**Panolog Cream**

U.S.A. DOT Class Not controlled.

NFPA

Health



Flammability

Reactivity

Specific hazard

RQ Not applicable.

Packaging Instructions Not available.

**Section 15. Regulatory Information and Warning Labels**

(R) Risk Phrases NA

(S) Safety Phrases Keep only in the original container in a cool, well-ventilated place away from children.

*NOTE: This product has been classified in accordance with applicable country-specific regulations.***Section 16. Other Key Information**

Other Considerations See product label and package insert for additional information.

6 January 2005 Responsible for MSDS: FDAH Environmental, Health, and Safety Department

Fort Dodge Animal Health -- A Division of Wyeth Corporation

**Notice to Reader***\* This symbol indicates information which has changed from the previous MSDS.**The information provided in this MSDS is based on current knowledge, however, this does not constitute a warranty by the Company for that information. The product user is responsible for the appropriate and intended handling, use, and disposal of this product in accordance with label or package precautions and this information. All materials may present unknown hazards and should be used with caution.*