



Cefa-Dri®

# Material Safety Data Sheet

WW MSDS No. 108114

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>	Cefa-Dri®
<b>Common Name</b>	Not applicable.
<b>Synonyms</b>	cephapirin benzathine
<b>Chemical Formula</b>	Mixture.
<b>Chemical Family</b>	Veterinary pharmaceutical.
<b>Material Uses</b>	Pharmaceutical industry: Anti-infective Agent
<b>Packaging</b>	Prefilled syringe/tube.
<b>Formula Type</b>	Injectable solution.
<b>Date of Preparation</b>	16 January 2002
<b>Product No.</b>	108114
<b>Formula No.</b>	Not available.
<b>CAS No.</b>	Mixture.
<b>U.N. No.</b>	Not applicable.
<b>EINECS No.</b>	Mixture.
<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) Cephapirin Benzathine		3.29	Not controlled.	Not controlled.
2) Peanut Oil	8002-03-7	96.7	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>	Potential organ systems affected are: Gastrointestinal Tract. Adverse effects could include: allergic reaction discomfort (gastrointestinal)
<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.

Continued on Next Page

**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. Dispose of fire debris and contaminated fire fighting water in accordance with regulations (see Sections 12 & 15).
<b>Special Fire Fighting Protective Equipment</b>	Qualified persons wearing full fire-fighting suits and approved/certified self-contained breathing apparatus.

**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>
Component				
No hazardous ingredients				
<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.			
<b>Hands</b>	Gloves, Chemical resistant.			
<b>Respiratory</b>	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>	Liquid. (Emulsion liquid.)	<b>Odor</b>	Not available.
<b>Molecular Weight</b>	Mixture.	<b>Color</b>	White to yellowish. (Light.)
<b>Boiling Point</b>	Not available.	<b>pH</b>	Not applicable.
<b>Melting/Freezing Point</b>	-5°C (23°F)		
<b>Density/Bulk Density</b>	0.912 (Water = 1)		

Continued on Next Page

Vapor Pressure	Not available.
Vapor Density	Not available.
Viscosity	Not available.
Partition Coefficient	Not available.
Solubility	Cefa-Dri®: Insoluble in cold water, hot water.
Flash Point	OPEN CUP: 283°C (541.4°F).
Autoignition Point	440°C (824°F)
Explosion Limits	Not applicable.
Dust Explosivity	Not applicable.

### Section 10. Stability and Reactivity

<b>Conditions to Avoid and Incompatibility</b>	Reactive with acids, alkalis. Slightly reactive to reactive with oxidizing agents.
<b>Decomposition Products</b>	These products are carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...), sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> ...).

### Section 11. Toxicological Information

#### Acute Effects

Component	Test	Result	Route	Species
1) Cephapirin Benzathine 2) Peanut Oil		Not available. Not available.		
<b>Eye Contact</b>		Slightly irritating (USA). Irritating (EU).		
<b>Skin Contact</b>		Moderately irritating (USA). Irritating (EU).		
<b>Inhalation</b>		Not available.		
<b>Ingestion</b>		May cause allergic reaction		

#### Chronic Effects

<b>Target Organs</b>	Potential organ systems affected are: Gastrointestinal Tract.
<b>Adverse Effects Statements</b>	Adverse effects could include: allergic reaction discomfort (gastrointestinal).
<b>Sensitization</b>	Not available.
<b>Carcinogenic Effects</b>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
<b>Mutagenic Effects</b>	Not mutagenic in a standard battery of genetic toxicological tests.
<b>Teratogenic Effects</b>	No known human teratogenic effect
<b>Reproductive Effects</b>	No evidence of human reproductive effects.
<b>Other Effects</b>	Not available.

Continued on Next Page

**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** Medical waste 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.**U.S.A. DOT Class** Not controlled.**RQ** Not applicable.**NFPA**

Health



Flammability

Reactivity

Specific hazard

**Packaging Instructions** Not available.**Section 15. Regulatory Information and Warning Labels****(R) Risk Phrases** Not controlled under dsd (Europe).**(S) Safety Phrases** Not applicable.TSCA 8(b) inventory: Peanut Oil  
Germany water endangerment: Cefa-Dri® (FDAH), Class 3 (Self-Assigned)*NOTE: This product has been classified in accordance with applicable country-specific regulations.***Continued on Next Page**

**Section 16. Other Key Information**

**Other Considerations** See product label and package insert for additional information.  
Not available.

19 January 2002                      **Responsible for MSDS:** Global Engineering, Environmental and Safety

Fort Dodge Animal Health -- within American Home Products 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.*

*MSDSs available in multiple languages*