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Pennchlor 100G

AMERICAN CYANAMID CO.  
PARSIPPANY, NJ 07054

MSDS NO. CN01796-3  
CAS NO. 57-62-5

MATERIAL SAFETY DATA SHEET

DATE: JUN 02, 1997

EMERGENCY TELEPHONE: 1-800-454-COPE (CANADA)  
(973)-683-3100 (U.S.A.)

PRODUCT IDENTIFICATION	TRADE NAME: AUREOMYCIN<R> 100 GRANULAR MEDICATED PREMIX - For Animal Feed
	SYNONYMS: Chlortetracycline; Mixture of chlortetracycline calcium complex and calcium sulfate, AUROFAC<R> 230
	CHEMICAL FAMILY: Not Applicable
	MOLECULAR FORMULA: C<22>H<23>ClN<2>O<8>
	MOLECULAR WEIGHT: 479.000 Chlortetracycline
	USAGE: Antibacterial

WARNING STATEMENTS	NOT FOR USE IN HUMANS. KEEP OUT OF REACH OF CHILDREN. AVOID EYE OR SKIN CONTACT.
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CHRONIC HAZARD WARNING	None
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INGREDIENTS	COMPONENT	CAS. NO.	%	PEL/TLV
	Chlortetracycline	57-62-5	22.00	10 mg/m>3<
	REFERENCE: Chlortetracycline American Cyanamid - 1984			

PHYSICAL PROPERTIES	APPEARANCE AND ODOR: Gray to brown granules with mild fermentation odor.
	BOILING POINT: Not Applicable
	MELTING POINT: Not Applicable
	VAPOR PRESSURE: Not Applicable
	SPECIFIC GRAVITY: Not Applicable
	VAPOR DENSITY: Not Applicable
	% VOLATILITY (BY VOL.): Negligible
	OCTANOL / H<2>O PARTITION COEF.: 0.4 for chlortetracycline hydrochloride
	PH: 7 to 9
	SATURATION IN AIR (BY VOL.): Not Available
	EVAPORATION RATE: Not Applicable
	SOLUBILITY IN WATER: Slight

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MSDS SHEET NO. CN01796-3

FIRE AND EXPLOSION HAZARD INFORMATION	FLASH POINT: Not Applicable
	FLAMMABLE LIMITS (% BY VOL.): Not Applicable
	AUTOIGNITION TEMP: Not Available
	DECOMPOSITION TEMP: Not Available

FIRE EXTINGUISHING MEDIA:  
This material will not burn or burns with difficulty. Use an extinguishing agent suitable for surrounding fires.

FIRE CONTROL TACTICS:  
Wear self-contained, positive pressure breathing apparatus

and full fire fighting protective clothing.

Keep unnecessary people away. Use as little water as possible. Dike area of fire to prevent run-off. Use spray or fog - solid stream may cause spreading.

Do not decontaminate personnel or equipment, or handle broken packages or containers without protective equipment as specified in the Exposure Control Section.

Avoid breathing dusts, vapors and fumes from burning materials. Control run-off water - if water enters a drainage system, advise the authorities downstream.

Avoid heavy hose streams, airborne dusts may create an explosion hazard.

**SPECIFIC HAZARDS - DUST:**

The active ingredient, chlortetracycline, has been classified as a ST-1 Dust Explosion Hazard per NFPA 68-1978.

**MECHANICAL/STATIC SENSITIVITY:**

Due to the dust explosion hazard, all equipment should have explosion venting per NFPA 68-1978. All electrical wiring and equipment should meet the provisions of NFPA-70.

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**NFPA HAZARD RATING**

NFPA Rating Not Assigned

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**REACTIVITY DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** None Known  
**POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** None Known  
**INCOMPATIBLE:** None Known  
**MATERIALS:**  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce carbon monoxide and/or carbon dioxide.

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MSDS SHEET NO. CN01796-3

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**HEALTH HAZARD INFORMATION**

**TOXICITY DATA AND EFFECTS OF OVEREXPOSURE:**

**ACUTE TOXICITY DATA:**

No toxicity data is available on this formulation.

The acute oral LD<sub>50</sub> for chlortetracycline hydrochloride salt is greater than 3000mg/kg in both rats and mice.

Chlortetracycline hydrochloride salt is also mildly irritating to rabbit eye and skin.

**EMERGENCY AND FIRST AID PROCEDURES:**

<IF SWALLOWED>: Drink two glasses of water, or milk, induce vomiting if the patient is conscious. Otherwise seek medical attention.

<IF IN EYES>: Wash eyes with water for 15 minutes. If irritation persists, see a physician.

<IF ON SKIN>: Wash skin with soap and water.  
Get medical attention if irritation persists.  
<IF INHALED>: Remove to fresh air.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition. Following massive overexposure, some liver toxicity may be anticipated.

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EXPOSURE CONTROL METHODS      When high dust concentrations could occur, wear an approved dust respirator or use local exhaust ventilation to reduce dust levels. Wear gloves, goggles and coveralls to prevent skin and eye contact during the formulation of this product.

In case of contact, immediately remove clothing and wash skin thoroughly with soap and water.

Shower at the end of the work day and change clothing.

Do not eat, smoke, or drink at the workplace.

For end-users, please refer to the product label for personal protective clothing/equipment.

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SPELL OR LEAK PROCEDURES      Wearing appropriate protective clothing and equipment, (See "Exposure Control" section), shovel/sweep spilled material into covered containers for proper disposal (See "Waste Disposal" section).

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WASTE DISPOSAL: To avoid disposal, all attempts should be made to utilize the product completely, in accordance with its intended and/or

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MSDS SHEET NO. CN01796-3

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registered use. If this is not possible, follow all applicable Federal, State, Provincial, and Local regulations regarding waste management methods.

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SPECIAL PRECAUTIONS      HANDLING AND STORAGE:  
Maintain good housekeeping to control dust accumulations.

Do not contaminate water, food, or feed by storage or disposal. Store in a secure, dry, well-ventilated separate room, building or covered area.

Not for use or storage in or around the home.

Keep away from sources of ignition and protect from exposure to fire and heat.

Keep the material out of reach of children.

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APPENDIX

TRANSPORT                      PROPER SHIPPING NAME:    Not Regulated  
CANADA SHIPPING                TDG CLASS:                Not Regulated  
INFORMATION                    UN/NA:                     Not Regulated  
    PACKING GROUP:            Not Regulated

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PREPARED BY AMERICAN CYANAMID COMPANY: A. Maciel  
PHONE: 201-831-4067 International Manufacturing

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DATE INFORMATION DATE: JUN 02, 1997

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PREPARED BY AMERICAN CYANAMID COMPANY: A. L. Picciano-V.P. of Manufacturing  
Manufacturing Dept.  
PHONE: 973-683-3100

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