

NFPA	Personal protective equipment	Transport Symbol
	 	Not regulated

Preparation Date June 17, 2006

Revision Date 02-Jul-2007

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Aureomycin® 50G
Product code 700135
Recommended use Veterinary medicine

Contact manufacturer

Alpharma Inc.,
 400 Route 22, Grand Commons
 Bridgewater, NJ 08807
 Phone: 908-566-3800/866-322-2525

Supplier

Alpharma Inc.,
 400 Route 22, Grand Commons
 Bridgewater, NJ 08807
 Phone: 908-566-3800/866-322-2525

Emergency telephone number 1-800-424-9300 (Chemtrec)

2. HAZARDS IDENTIFICATION

Emergency Overview

Product dust may be irritating to eyes, skin and respiratory system. Fine dust dispersed in air is ignitable.

Physical state Solid

Odor Slight.

OSHA Regulatory Status This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential health effects

Principle Routes of Exposure Eye contact, Skin contact, Inhalation, Ingestion.

Acute Toxicity

Eyes	Contact with eyes may cause irritation.
Skin	May cause skin irritation.
Inhalation	Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic effects Blood disorders. Experiments have shown reproductive toxicity effects on laboratory animals.

See Section 11 for additional Toxicological information.

Main symptoms Redness. Swelling of tissue.

Aggravated Medical Conditions Respiratory disorders. Kidney disorders. Liver disorders.

Interactions with other chemicals No information available

Environmental Hazard There is no known ecological information for this product

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component(s)	CAS-No	Weight %
Chlortetracycline fermentation concentrate with 20-30% activity	57-62-5	46 - 50
Calcium Sulfate Dihydrate	10101-41-4	45 - 49
Mineral oil	8012-95-1	0 - 5
Water	7732-18-5	0 - 5

4. FIRST AID MEASURES

General advice Show this safety data sheet to the doctor in attendance.

Eye contact In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. Immediate medical attention is required.

Ingestion Drink plenty of water. Do not induce vomiting without medical advice. Consult a physician if necessary.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties Powdered material may form explosive dust-air mixtures.

Suitable extinguishing media Carbon dioxide (CO₂). alcohol-resistant foam. Dry powder. Water spray.

Unsuitable extinguishing media No information available

Specific hazards arising from the chemical In the event of fire and/or explosion do not breathe fumes.

Protective equipment and precautions for firefighters Wear self-contained breathing apparatus and protective suit.

NFPA

Health Hazard 1

Flammability 1

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with skin, eyes and clothing.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods for containment	Avoid dust formation. Do not breathe dust. Wet with water.
Methods for clean-up	Avoid dust formation. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.
Other information	Not applicable

7. HANDLING AND STORAGE

Handling	Avoid dust formation in confined areas. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Take precautionary measures against static discharges.
Storage	Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Component(s)	ACGIH TLV	OSHA PEL
Mineral oil	5.00 mg/m ³	TWA: 5.00 mg/m ³

Engineering controls	Ensure adequate ventilation, especially in confined areas
Personal protective equipment	
Eye/face protection	Safety glasses with side-shields.
Skin protection	Long sleeved clothing. Protective gloves.
Respiratory protection	Wear respirator if there is dust formation. Breathing apparatus with filter.

General hygiene considerations

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown
Odor	Slight.
Physical state	Solid.
pH	7 - 9
Water solubility	Slightly soluble

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Conditions to avoid	Avoid dust formation. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials	Incompatible with strong acids and bases.
Hazardous decomposition products	Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas, Sulfur oxides.
Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information May cause slight irritation.

Component Information

Component(s)	Oral Studies	Value	Unit
Chlortetracycline fermentation concentrate with 20-30% activity	LD50/oral/rat =	>3000	mg/kg
	LD50/oral/mouse =	1500	mg/kg

Component(s)	LD50 Oral	LD50 Dermal	LC50 Inhalation
Chlortetracycline fermentation concentrate with 20-30% activity	1500 mg/kg Mouse		

Chronic toxicity

Carcinogenicity	There are no known carcinogenic chemicals in this product.
Irritation	May cause eye/skin irritation. May cause irritation of respiratory tract.
Corrosivity	Not applicable.
Sensitization	Not applicable.
Neurological effects	Not applicable.
Mutagenic effects	Did not show mutagenic effects in animal studies.
Reproductive Toxicity	Experiments have shown reproductive toxicity effects on laboratory animals.
Developmental Toxicity	Not applicable.
Target Organ effects	Lungs, Gastrointestinal tract (GI), Blood, Liver, Kidney, Immune System, Skeletal system.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with National, State and Local regulations
Contaminated packaging	Dispose of in accordance with National, State and Local regulations
US EPA Waste Number	Not applicable.

14. TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

Component(s)	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Chlortetracycline fermentation concentrate with 20-30% activity	X	-	X	X	-	-	-	X	-	-
Calcium Sulfate Dihydrate	X	-	-	-	-	-	-	-	-	Present
Mineral oil	X	-	-	-	-	-	-	-	-	Present
Water	X	X	-	X	-	x	X	X	X	Present

TSCA	Listed
DSL	Not Listed
NDSL	Listed
EINECS	Not Listed
ELINCS	Not Listed
ENCS	Not Listed
CHINA	Not Listed
KECL	Not Listed
PICCS	Not Listed
AICS	Not Listed

USA - Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

None

U.S. - State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chlortetracycline fermentation concentrate with 20-30% activity, CAS 57-62-5

Category	reproductive toxicity
Type	Chlortetracycline

State Right-to-Know

X - Listed

Canada**WHMIS hazard class**

D2B Toxic materials

16. OTHER INFORMATION

Prepared By	No information available
Revision Date	02-Jul-2007
Revision summary	Address change

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS