# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Personal protective equipment</th>
<th>Transport Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>![Eye, Glove]</td>
<td>Not regulated</td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>Contact with eyes may cause irritation.</td>
</tr>
<tr>
<td>Skin</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.</td>
</tr>
</tbody>
</table>

#### 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

Interactions with other chemicals
No information available

Environmental Hazard
There is no known ecological information for this product

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

### 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**

**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.

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral oil</td>
<td>5.00 mg/m³</td>
<td>TWA: 5.00 mg/m³</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Component(s)</th>
<th>Oral Studies</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlortetracycline fermentation concentrate</td>
<td>LD50/oral/rat =</td>
<td>&gt;3000</td>
<td>mg/kg</td>
</tr>
<tr>
<td>with 20-30% activity</td>
<td>LD50/oral/mouse =</td>
<td>1500</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Component(s)</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>CHINA</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlortetracycline fermentation concentrate with 20-30% activity</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Calcium Sulfate Dihydrate</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Present</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Present</td>
</tr>
<tr>
<td>Water</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>x</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
</tr>
</tbody>
</table>

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*

<table>
<thead>
<tr>
<th>Category</th>
<th>reproductive toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Chlortetracycline</td>
</tr>
</tbody>
</table>

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