

Material Safety Data Sheet

Issuing Date 21-Jun-2013

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Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Deracin 22% Granular Premix - Canada

Recommended Use Medicated animal feed pre-mix

Synonyms Chlortetracycline, Aureomycin.

Supplier Address

Pharmgate LLC
161 North Franklin Turnpike
Ramsey, NJ 07446
TEL: 201-327-3800

Chemical Emergency Phone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

WARNING!

Emergency Overview

Contains a known or suspected reproductive toxin
May cause skin, eye, and respiratory tract irritation
May cause photosensitivity or phototoxicity reactions if exposed.

Appearance Brown

Physical State Powder.

Odor Slight

Potential Health Effects

Acute Toxicity

Eyes

Dust contact with the eyes can lead to mechanical irritation.

Skin

May cause skin irritation and/or dermatitis.

Inhalation

May cause irritation.

Ingestion

May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

Possible risks of irreversible effects. Prolonged exposure may cause chronic effects.

Aggravated Medical Conditions

Bone marrow disorders or bone deficiencies. Liver disorders.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Naphthacencarboxamide, 7-chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-oc tahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11- dioxo-, [4S-(4.alpha.,4a.alpha.,5a.alpha.,6.beta.,12a.alpha.)]-	57-62-5	60-100
Rice hulls	RR-40919-8	10-30
Calcium sulfate dihydrate	10101-41-4	10-30
Paraffin oils	8012-95-1	1-5

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water. Get medical attention if symptoms occur.
Inhalation	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention
Ingestion	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.			
Flash Point	Not applicable.			
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
Explosion Data				
Sensitivity to Mechanical Impact	None.			
Sensitivity to Static Discharge	None			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
NFPA	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 1*	Flammability 0	Physical Hazard 0	Personal Protection X

*Indicates a chronic health hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Avoid dust formation.
Environmental Precautions	No special environmental precautions required. See Section 12 for additional Ecological Information
Methods for Containment	Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry.
Methods for Cleaning Up	Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid dust formation. Ensure adequate ventilation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium sulfate dihydrate 10101-41-4	TWA: 10 mg/m ³ inhalable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³ respirable fraction	
Paraffin oils 8012-95-1	TWA: 5 mg/m ³ inhalable fraction excluding metal working fluids, highly & severely refined	-	

Immediately Dangerous to Life or Health.

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and Body Protection

Protective gloves.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Wash thoroughly after handling. Provide regular cleaning of equipment, work area and clothing. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown.	Odor	Slight.
Odor Threshold	No information available.	Physical State	Powder
pH	No information available.	Autoignition Temperature	No information available.
Flash Point	Not applicable.	Boiling Point/Boiling Range	No information available.
Decomposition Temperature	No information available.	Flammability Limits in Air	Not applicable
Melting Point/Range	No information available.	Evaporation Rate	No information available.
Explosion Limits	Not applicable	Vapor Density	No data available.
Solubility	Slightly soluble		
Vapor Pressure	No data available.		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	Strong oxidizing agents.
Conditions to Avoid	Heat.
Hazardous Decomposition Products	Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

LD50 Oral: > 3000 mg/kg

Inhalation May cause irritation of respiratory tract.

Eye Contact Dust contact with the eyes can lead to mechanical irritation.

Skin Contact May cause skin irritation and/or dermatitis.

Ingestion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

Chronic Toxicity Possible risks of irreversible effects. Prolonged exposure may cause chronic effects.

Carcinogenicity Oils present in this product are known to cause cancer because of carcinogenic components (e.g. benzene) present during refinement. The oils in this product are highly refined and should not be considered carcinogens.

Chemical Name	ACGIH	IARC	NTP	OSHA
Paraffin oils	A2	Group 3 Group 1		X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3: Not Classifiable as to its Carcinogenicity to Humans

Sensitization May cause photosensitivity or phototoxicity reactions if exposed.

Developmental Toxicity The active ingredient (Chlortetracycline) has been identified on the California Proposition 65 list as a developmental hazard. Tetracyclines are known to be deposited in the skeleton during gestation and throughout childhood. It has been shown to cause effects on bone growth on developing infants treated with the agent. When used during tooth development (second half of pregnancy) tetracyclines may cause permanent yellow-gray-brown discoloration of the teeth and enamel hypoplasia. There are no controlled data in human pregnancy, however, congenital defects and maternal hepatotoxicity have been reported. In developmental toxicity studies with rats, tetracycline caused effects either to bone growth and/or bone development in fetuses of pregnant rats treated with tetracycline. Tetracycline has been assigned to pregnancy category D by the FDA.

Target Organ Effects Blood. Teeth. Liver.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging	Do not re-use empty containers. Dispose of in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Exempt
DSL	-
NDSL	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

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

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
2-Naphthacene-carboxamide, 7-chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro- o-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-, [4S-(4.alpha.,4a.alpha.,5a.alpha.,6.beta.,12a.alpha.)]-	57-62-5	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Calcium sulfate dihydrate					X
Paraffin oils	X	X	X		X

International Regulations

Chemical Name	Carcinogen Status	Exposure Limits
Paraffin oils		Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2A Very toxic materials



16. OTHER INFORMATION

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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General 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 Safety Data Sheet