

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 06/09/2017

Reviewed on 06/09/2017

1 Identification

- **Product Identifier**
- **Trade name: Deracin 50**
- **Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information
- **Product Description**
Type A Medicated Article (Premix) -For use in the manufacture of medicated animal feeds.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Pharmgate
14040 Industrial Rd.
Omaha, NE 68144
Phone: (402) 330-6000
Fax: (402) 330-6004
- **Emergency telephone number: (800) 832-8303**

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Acute Tox. 4 H302 Harmful if swallowed.

- **Label elements:**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



- **Signal word:** Warning
- **Hazard-determining components of labeling:**
chlortetracycline
- **Hazard statements:**
H302 Harmful if swallowed.
- **Precautionary statements:**
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

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NFPA ratings (scale 0 - 4)



Health = 2
Fire = 0
Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 2
Fire = 0
Physical Hazard = 0

Hazard(s) not otherwise classified (HNOC): None known

3. Composition/information on ingredients

Non-hazardous components:

112945-52-5 Amorphous Silica	0.25%
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Chemical characterization: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous Components:

57-62-5 chlortetracycline	Acute Tox. 4, H302	11.02-99.4%
8042-47-5 Mineral Oil		2.0%

Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First Aid Measures

Description of first aid measures:

- After inhalation:** Supply fresh air; consult doctor in case of complaints.
- After skin contact:**
Wash with soap and water.
If skin irritation occurs, consult a doctor.
- After eye contact:**
Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- After swallowing:** If swallowed and symptoms occur, consult a doctor.
- Information for doctor:**
- Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- Extinguishing media:**
- Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture:**
Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas
- Advice for firefighters:**
- Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

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Trade name: **Deracin 50****6 Accidental Release Measures**

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation.
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Avoid the formation of dust
Pick up mechanically.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

• **PAC-1:**

112945-52-5	Amorphous Silica	18 mg/m ³
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• **PAC-2:**

112945-52-5	Amorphous Silica	100 mg/m ³
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• **PAC-3:**

112945-52-5	Amorphous Silica	630 mg/m ³
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7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool, dry place.
Store in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

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471-34-1 Calcium Carbonate	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn
8042-47-5 Mineral Oil	
ACGIH TLV	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
OSHA PEL	Long-term value: 5 mg/m ³

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable
- **Penetration time of glove material:** Not applicable.
- **Eye protection:** Not required.

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - Form: Meal
 - Color: Brown
 - Odor: Not determined
 - Odor threshold: Not determined.
 - pH-value: Not applicable.
- **Change in condition**
 - Melting point/Melting range: Not determined.
 - Boiling point/Boiling range: Not determined.
- **Flash point:** None
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower: Not determined.
 - Upper: Not determined.
- **Vapor pressure:** Not applicable.
- **Density:**
 - Relative density: Not determined.

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Trade name: Deracin 50

- Vapor density:** Not applicable.
- Evaporation rate:** Not applicable.
- Solubility in / Miscibility with:**
 - Water:** Insoluble.
- Partition coefficient (n-octanol/water):** Not determined.
- Viscosity:**
 - Dynamic:** Not applicable.
 - Kinematic:** Not applicable.
- Solvent content:**
 - Organic solvents:** 0.0 %
- Other information:** No further relevant information available.

10 Stability and Reactivity

- Reactivity:** No further relevant information available.
- Chemical stability:** Stable under normal conditions.
- Thermal decomposition / conditions to be avoided:** Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas
- Possibility of hazardous reactions:** No dangerous reactions known.
- Conditions to avoid:** Extremes of temperature and direct sunlight.
- Incompatible materials:** Strong oxidizing agents.
- Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- Information on toxicological effects:**
- Acute toxicity:**
- LD/LC50 values that are relevant for classification:**

57-62-5 chlortetracycline	
Oral LD50	1.5 mg/kg (Mouse)
471-34-1 Calcium Carbonate	
Oral LD50	6450 mg/kg (Rat)
8042-47-5 Mineral Oil	
Oral LD50	>5000 mg/kg (Rat)
- Primary irritant effect:**
- On the skin:** No irritating effect.
- On the eye:** No irritating effect.
- Additional toxicological information:** Harmful

Carcinogenic categories:**IARC (International Agency for Research on Cancer):**

112945-52-5 Amorphous Silica

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NTP (National Toxicology Program):

None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

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12 Ecological Information

- **Toxicity:**
- **Aquatic toxicity:**
57-62-5 chlortetracycline
 EC50 128 mg/l (Daphnia)
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods:**
- **Recommendation:**
 Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**
- **Section 355 (extremely hazardous substances):**
 None of the ingredients are listed.

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<ul style="list-style-type: none"> • Section 313 (Specific toxic chemical listings): None of the ingredients are listed.
<ul style="list-style-type: none"> • TSCA (Toxic Substances Control Act): 57-62-5 chlortetracycline 8042-47-5 Mineral Oil
<ul style="list-style-type: none"> • California Proposition 65:
<ul style="list-style-type: none"> • Chemicals known to cause cancer: None of the ingredients are listed.
<ul style="list-style-type: none"> • Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.
<ul style="list-style-type: none"> • Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
<ul style="list-style-type: none"> • Chemicals known to cause developmental toxicity: 57-62-5 chlortetracycline
<ul style="list-style-type: none"> • New Jersey Right-to-Know List: None of the ingredients are listed.
<ul style="list-style-type: none"> • New Jersey Special Hazardous Substance List: None of the ingredients are listed.
<ul style="list-style-type: none"> • Pennsylvania Right-to-Know List: None of the ingredients are listed.
<ul style="list-style-type: none"> • Pennsylvania Special Hazardous Substance List: None of the ingredients are listed.
<ul style="list-style-type: none"> • Carcinogenic categories:
<ul style="list-style-type: none"> • EPA (Environmental Protection Agency): None of the ingredients are listed.
<ul style="list-style-type: none"> • TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.
<ul style="list-style-type: none"> • NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.

- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard-determining components of labeling:**
chlortetracycline
- **Hazard statements:**
H302 Harmful if swallowed.

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Trade name: Deracin 50**Precautionary statements:**

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P330 Rinse mouth.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

None of the ingredients are listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of preparation / last revision:** 06/09/2017 / 3

Abbreviations and acronyms:

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Acute Tox. 4: Acute toxicity – Category 4

- *** Data compared to the previous version altered.**

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