

SAFETY DATA SHEETS

This SDS packet was issued with item:

078924365

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078924366 078924367

**PRODUCT SAFETY DATA SHEET****TERRA VET 200****1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF COMPANY / UNDERTAKING****1.1 Product identifiers**

Product Name: Terra Vet 200

1.2 Relevant identified uses of the substance or mixture

Intended Use : Terra Vet 200 (200 mg/mL) (oxytetracycline injection) is a sterile, ready-to-use solution for the administration of the broad-spectrum antibiotic oxytetracycline by injection

1.3 Details of the supplier of the safety data sheet

Manufactured by : Norbrook Laboratories Ltd,
Station Works, Newry, Co. Down,
N.Ireland, BT35 6JP.
Telephone No. +44 (0) 28 3026 4435
Fax No. +44 (0) 28 3026 1721
E-Mail: enquiries@norbrook.co.uk.
Emergency Telephone +44 (0) 28 3026 4435

Supplied by : Aspen Veterinary Resources® LTD.
3155 Heartland
Liberty, MO 64068
Phone : 816 415 4324
Fax : 816 415 4314

2. HANDLING AND STORAGE**2.1 Precautions for safe handling**

Avoid contact with eyes, skin or clothing. Do not ingest. Do not smoke or eat while handling the product. Wash thoroughly after handling. The containers should be stored in their original boxes when not in use.

2.2 Conditions for safe storage

Store in closed containers in a cool, dry, well-ventilated area away from oxidisers, heat, sparks and open flame. Protect containers from physical damage. Keep container closed when not in use. Do not transfer contents to unlabelled containers. Keep out of reach of children.

3. HAZARDS IDENTIFICATION

3.1 Classification according to Regulation (EC) No 1272/2008

Physical and Chemical Hazards	:	Not classified as dangerous under EEC Directives 67/548/EEC, 88/379/EEC or 99/45/EC.
Environmental Hazards	:	None known
Adverse Human Health Effects	:	There are no known adverse effects of exposure to this mixture.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation	:	None
Skin Contact	:	Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.
Eyes Contact	:	Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion	:	Do not induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the Section 10 (Toxicological Information).

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use carbon dioxide, dry chemical or alcohol-resistant foam spray extinguishers. Use water spray to cool fire-exposed containers. A fine water mist may be used to smother or to disperse vapours.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for fire-fighters


Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions**
Provide good ventilation. Prevent skin and eye contact.
- 6.2 Environmental precautions**
Keep away from drains, surface-water, ground-water and soil.
- 6.3 Method for clean-up**
Absorb small spills on spill pillows, sand, sawdust or other suitable absorbing material.

7. COMPOSITION/INFORMATION ON INGREDIENTS

7.1 Substances

<i>Hazardous Ingredients</i>	<i>% Wt.</i>	<i>CAS No.</i>	<i>EC No.</i>	<i>Symbol</i>	<i>Risk Phrases/Hazard Statements</i>
Oxytetracycline Hydrochloride	-	2058-46-0	-		H302, H312, H332, H361, H411 P261, P273, P280, P309 + P311, P391 R20/21/22, R51/53, R63, S24/25, S36/37/39, S45, S61

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16.

8. PHYSICAL AND CHEMICAL PROPERTIES

- 8.1 Information on basic physical and chemical properties**
- a) Form Sterile aqueous solution
 - b) Colour Clear, yellow/brown
 - c) Odour None
 - d) Flash point Unknown

9. STABILITY AND REACTIVITY

- 9.1 Reactivity**
No data available
- 9.2 Chemical stability**
Stable under normal temperatures and pressures.
- 9.3 Possibility of hazardous reactions**
No data available
- 9.4 Conditions to avoid**
None known
- 9.5 Incompatible materials**
None known
- 9.6 Hazardous decomposition products**
Other decomposition products - no data available.

10. TOXICOLOGICAL INFORMATION

10.1 Information on toxicological effects

Exposure Effects (Acute)

Eye Contact	:	Direct contact of the solution with eyes can cause irritation.
Skin Contact	:	Prolonged or repeated contact with the mixture may cause irritation and/or drying and cracking of the skin.
Inhalation	:	None known.
Ingestion	:	Oral toxicity of the solution is low.

Exposure Effects (Chronic)

Unknown for the product mixture. When this product is used according to the directions, prolonged exposure of man is not expected. Both its mutagenicity and its teratogenicity are not known.

11. ECOLOGICAL INFORMATION

- 11.1 Toxicity**
Data on the ecological implications for the product mixture is not yet available.

12. DISPOSAL CONSIDERATIONS

Product/Residues	:	Do not discharge the product material into surface or waste water. For disposal, use an incinerator licensed for chemical waste.
Package	:	Dispose of waste containers using regular disposal methods in accordance with local and national environmental regulations.

13. TRANSPORT INFORMATION

13.1 UN number			
ADR/RID:	-	IMDG:	- IATA: -
13.2 UN proper shipping name			
ADR/RID:	-		
IMDG:	-		
IATA:	-		
13.3 Transport hazard class(es)			
ADR/RID:	-	IMDG:	- IATA: -
13.4 Packaging group			
ADR/RID:	-	IMDG:	- IATA: -
13.5 Environmental hazards			
ADR/RID:	no	IMDG:	no IATA: no
13.6 Special precautions for user			
No data available.			

14. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

14.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	No data available.
14.2 Chemical Safety Assessment	For this product a chemical safety assessment was not carried out.

15. EXPOSURE CONTROLS / PERSONAL PROTECTION

15.1 Control parameters

Component - Occupational Exposure Standard

Oxytetracycline Not Established

For pure oxytetracycline :

LD50 (Oral, mouse) 2240 mg/kg

LD50 (Oral, rat) 4800 mg/kg

Protective Equipment : Wear vinyl, nitrile or rubber gloves, a waterproof bib-apron and suitable eye protection when applying the product.

16. OTHER INFORMATION

Full text of H-Statements referred to under Section 7

H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects

Full text of P-Statements referred to under Sections 2 and 3

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P309 + P311	If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P391	Collect spillage

Full text of R-Phrases referred to under Section 7

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R63	Possible risk of harm to the unborn child.

Full text of S-Phrases referred to under Section 7

S24/25	Avoid contact with skin and eyes.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately. Show the label where possible.

S61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
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Revision Date	:	11/07/14
Revision No	:	1.0
Revision History	:	New Version
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Supplier's data sheets and various chemicals and pharmaceuticals databases were used to compile this sheet.

The information contained in this PSDS is believed to be accurate and represents the best information available at the time of preparation. However Norbrook Laboratories Limited makes no warranty, express or implied, with respect to such information and assumes no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes, and Norbrook Laboratories Limited will not be held liable for any damage resulting from the handling of or contact with the above product.

TERRA-VET 200

Section 1: Identification of the Substance and Supplier

Product Name AGRIMYCIN 200
Recommended Use Broad-spectrum antibiotic for use in cattle and swine.
Company Details Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215
Emergency Telephone 800-424-9300
Date of Preparations 10/26/16

Section 2: Hazards Identification

Hazard Classification None
Priority Identifiers None
Secondary Identifiers Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer. LD50 in mice > 10g/Kg. (Seki).
Risk & Safety Phrases None Applicable

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Oxytetracycline Dihydrate	6135-64-6	200 mg Anhy.
2-Pyrrolidone	616-45-5	40%
Sodium Formaldehyde Sulfoxylate, NF	149-44-0	0.2%
Povidone 9Plasdone C-12) USP	9003-39-8	5%
Magnesium Oxide, Heavy, USP	1309-48-4	1.8%
Hydrochloric Acid NF	7647-01-0	pH Adjustment
Monoethanolamine NF	141-43-5	pH Adjustment
Water for Injection	7732-18-5	QS

Section 4: First Aid Measures

Necessary First Aid Measures Inhalation: Remove to fresh air. If any signs or symptoms occur or persist seek medical advice. Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention. Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. Do not induce vomiting. Seek medical attention.

Section 5: Fire Fighting Measures

Type of Hazard Not classified as flammable
Fire Hazard Properties None Applicable
Regulatory Requirements None Applicable
Extinguishing Media and Methods Use carbon dioxide, dry chemical or alcohol-resistant foam spray extinguishers. Use water spray to cool fire-exposed containers. A fine water mist may be used to smother or to disperse vapors.
Hazchem Code None Allocated
Recommended Protective Clothing Wear vinyl, nitrile or rubber gloves, a waterproof bib-apron and suitable eye protection when applying the product.

Section 6: Accidental Release Measures

Emergency Procedures

Wear vinyl, nitrile or rubber gloves, a waterproof bib-apron and suitable eye protection when applying the product. Use carbon dioxide, dry chemical or alcohol-resistant foam spray extinguishers. Use water spray to cool fire-exposed containers. A fine water mist may be used to smother or to disperse vapors.

Section 7: Handling and Storage

Precautions for Safe Handling

Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed during material transfer, transport or when not in use.

Regulatory Requirements

None Required

Handling Practices

Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed when not in use.

Approved Handlers

Not Required

Conditions for Safe Storage

Store at room temperature 15 – 30 C (59 – 86F)

Store Site Requirements

None

Section 8: Exposure control/Personal Protection

Workplace Exposure Standards

None Applicable

Application in the workplace

None Applicable

Exposure standards outside the workplace

None Applicable

Personal protection

Self-contained breathing Apparatus. Wear vinyl, nitrile or rubber gloves, a waterproof bib-apron and suitable eye protection when applying the product.

Section 9: Physical and Chemical Properties

Appearance	Clear, yellow/brown
Boiling Point	None Applicable
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	None Applicable
Solubility (H ₂ O)	Complete
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

Section 10: Stability and Reactivity

Stability of the Substance

Stable

Conditions to Avoid

None Known

Material to Avoid

None Known

Hazardous Decomposition Products

Not classified as dangerous under EEC Directives 67/548/EEC, 88/379/EEC or 99/45/EEC.

Section 11: Toxicological Information

Acute effects for individual ingredients only

Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer. LD50 in mice > 10g/Kg. (Seki)

Section 12: Environmental Information

Effects for individual ingredients only

None Applicable

Section 13: Disposal Considerations

Disposal Information Absorb small spills on spill pillows, sand, sawdust or other suitable absorbing material. Incineration or chemical waste landfill in accordance with Federal, State and local regulations.

Reference None Applicable

Section 14: Transport Information

Relevant Information Not classified as a dangerous good for transport.

Regulatory Status ANADA 200-128

Additional Information For animal treatment only. Not for human use. Keep out of reach of children.