

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

1 Identification

- **Product identifier**
- **Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR**
- **Product description** Type A Medicated Article-For use in the manufacture of medicated animal feeds.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Pharmgate
Address: 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**



GHS08 Health hazard

Repr. 1B H360 May damage fertility or the unborn child.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause an allergic skin reaction.

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



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
Neomycin, sulfate (salt)
Oxytetracycline hydrochloride
- **Hazard statements**
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May damage fertility or the unborn child.
- **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves.
Wear eye protection / face protection.
Wash thoroughly after handling.

(Contd. on page 2)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 1)

Contaminated work clothing must not be allowed out of the workplace.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Specific treatment (see on this label).
 Wash contaminated clothing before reuse.
 IF exposed or concerned: Get medical advice/attention.
 If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 If on skin: Wash with plenty of water.
 Take off contaminated clothing and wash it before reuse.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 1
 Fire = 0
 Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *1
 Fire = 0
 Reactivity = 0

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous Components:**

| | | |
|-----------|--|-----------|
| 57-50-1 | Sucrose, Pure | >75.6% |
| 1405-10-3 | Neomycin, sulfate (salt) ⚠ Repr. 1B, H360; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2B, H320 | <25.7% |
| 2058-46-0 | Oxytetracycline hydrochloride ⚠ Repr. 2, H361 | <24.4% |
| 77-92-9 | citric acid ⚠ Eye Irrit. 2A, H319 | 0.2-40.0% |

4 First-aid measures

- **Description of first aid measures**

- **After inhalation:** In case of unconsciousness, place patient securely on side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist, consult 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.

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 2)

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **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.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
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.

7 Handling and storage

- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about protection against explosions and fires:** Keep protective respiratory device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store at 77°F or 25°C with excursions permitted to 98.6°F or 37°C.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **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:**

57-50-1 Sucrose, Pure

| | |
|-----|---|
| 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 | Long-term value: 10 mg/m ³ |

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 3)

- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

• **Eye protection:** Tightly sealed goggles

9 Physical and chemical properties

• **Information on basic physical and chemical properties**• **General Information**• **Appearance:****Form:**

Powder

Color:

Yellow

• **Odor:**

No data available

• **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:**

Not applicable.

• **Flammability (solid, gaseous):**

Not determined.

• **Ignition temperature:**

1010 °C (1850 °F)

• **Decomposition temperature:**

Not determined.

• **Auto igniting:**

Product is not selfigniting.

• **Danger of explosion:**

Product does not present an explosion hazard.

• **Explosion limits:****Lower:**

Not determined.

Upper:

Not determined.

• **Vapor pressure:**

Not applicable.

(Contd. on page 5)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 4)

- **Density:**
 - Relative density** Not determined.
 - Vapour 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 %
 - Solids content:** 100.0 %
- **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:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **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:**

| 1405-10-3 Neomycin, sulfate (salt) | | |
|---|----------|--|
| Oral | LD50 | 2880 mg/kg (mouse) 2750 mg/kg (rat) |
| 2058-46-0 Oxytetracycline hydrochloride | | |
| Oral | LD50 | 6696 mg/kg (mouse) |
| Inhalative | LC50/4 h | <200 mg/l (Trout) |

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
May cause an allergic skin reaction.
- **on the eye:** Irritating effect.
Causes serious eye irritation.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 5)

- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
None of the ingredients are listed.

Group 1 - Carcinogenic to humans
 Group 2A - Probably carcinogenic to humans
 Group 2B - Possibly carcinogenic to humans
 Group 3 - Not classifiable as to its carcinogenicity to humans
 Group 4 - Probably not carcinogenic to humans

- **NTP (National Toxicology Program)**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **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:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Non-Regulated Material
- **Packing group**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: **NEOMYCIN/OXYTETRACYCLINE 100/100 MR**

(Contd. of page 6)

UN "Model Regulation": -

6 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

| |
|--|
| • Section 355 (extremely hazardous substances): |
|--|

| |
|-------------------------------------|
| None of the ingredients are listed. |
|-------------------------------------|

| |
|--|
| • Section 313 (Specific toxic chemical listings): |
|--|

| |
|-------------------------------------|
| None of the ingredients are listed. |
|-------------------------------------|

| |
|---|
| • TSCA (Toxic Substances Control Act): |
|---|

| |
|-----------------------------|
| All ingredients are listed. |
|-----------------------------|

| |
|-------------------------|
| • Proposition 65 |
|-------------------------|

| |
|---|
| • Chemicals known to cause cancer: |
|---|

| |
|-------------------------------------|
| None of the ingredients are listed. |
|-------------------------------------|

| |
|--|
| • Chemicals known to cause reproductive toxicity for females: |
|--|

| |
|-------------------------------------|
| None of the ingredients are listed. |
|-------------------------------------|

| |
|--|
| • Chemicals known to cause reproductive toxicity for males: |
|--|

| |
|-------------------------------------|
| None of the ingredients are listed. |
|-------------------------------------|

| |
|---|
| • Chemicals known to cause developmental toxicity: |
|---|

| |
|------------------------------------|
| 1405-10-3 Neomycin, sulfate (salt) |
|------------------------------------|

| |
|---|
| 2058-46-0 Oxytetracycline hydrochloride |
|---|

| |
|----------------------------------|
| • Carcinogenic categories |
|----------------------------------|

| |
|--|
| • EPA (Environmental Protection Agency) |
|--|

| |
|-------------------------------------|
| None of the ingredients are listed. |
|-------------------------------------|

| |
|---|
| • TLV (Threshold Limit Value established by ACGIH) |
|---|

| | |
|-----------------------|----|
| 57-50-1 Sucrose, Pure | A4 |
|-----------------------|----|

| |
|---|
| • 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 GHS08

| |
|-----------------------------|
| • Signal word Danger |
|-----------------------------|

| |
|---|
| • Hazard-determining components of labeling: |
|---|

| |
|--------------------------|
| Neomycin, sulfate (salt) |
|--------------------------|

| |
|-------------------------------|
| Oxytetracycline hydrochloride |
|-------------------------------|

| |
|----------------------------|
| • Hazard statements |
|----------------------------|

| |
|-------------------------|
| Causes skin irritation. |
|-------------------------|

| |
|--------------------------------|
| Causes serious eye irritation. |
|--------------------------------|

| |
|--------------------------------------|
| May cause an allergic skin reaction. |
|--------------------------------------|

(Contd. on page 8)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 7)

May damage fertility or the unborn child.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves.

Wear eye protection / face protection.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

IF exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

2058-46-0 Oxytetracycline hydrochloride

State Right to Know

| | | |
|-----------|--|-----------|
| 57-50-1 | Sucrose, Pure | >75.6% |
| 1405-10-3 | Neomycin, sulfate (salt) ⚠ Repr. 1B, H360; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2B, H320 | <25.7% |
| 2058-46-0 | Oxytetracycline hydrochloride ⚠ Repr. 2, H361 | <24.4% |
| 77-92-9 | citric acid ⚠ Eye Irrit. 2A, H319 | 0.2-40.0% |

All ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**16 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 11/19/2014 / 2**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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

(Contd. on page 9)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

Printing date 11/19/2014

Reviewed on 11/19/2014

Trade name: NEOMYCIN/OXYTETRACYCLINE 100/100 MR

(Contd. of page 8)

LD50: Lethal dose, 50 percent

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Repr. 1B: Reproductive toxicity, Hazard Category 1B

Repr. 2: Reproductive toxicity, Hazard Category 2

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

SDS created by MSDS Authoring Services www.msdsauthoring.com (877) 204-9106