



**Material Safety Data Sheet**  
ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1

Printing date 06/28/2000

Reviewed on 06/28/2000

**1 Identification of substance**

- **Product details**
- **Trade name: TETRADUR Injection**
- **Product number: 53510, 53525, 53550**
- **Manufacturer/Supplier:**  
Merial Limited  
115 Transtech Drive  
Athens, GA 30601  
Tel.: +1 706 552 2739  
Fax.: +1 706 543 3059
- **Information department: MSDS Coordinator**
- **Emergency information:**  
Spill Information: CHEMTREC® 1-800-424-9300  
CHEMTREC® International 1+703-527-3887  
Reverse charges.  
Health Information: 1-888-637-4251, Option 5

**2 Composition/Data on components**

- **Chemical characterization**
- **Description: Mixture of the substances listed below.**

**Components:**

Non hazardous inert ingredients	26.9 %
6153-64-6 Oxytetracycline Dihydrate	30.0 %
Non hazardous inert ingredients	43.1 %

**3 Hazards identification**

- **Hazard description: Not applicable.**
- **Information pertaining to particular dangers for man and environment:**  
· Not applicable.
- **Classification system:**  
The classification was made according to the latest editions of international substances lists, and from company and regulatory data.
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

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

HEALTH	0
FIRE	0
REACTIVITY	0

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**Trade name: TETRADUR Injection****4 First aid measures**

- **General information:** No special measures required.
- **After inhalation:**  
Remove to fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
If skin irritation occurs, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for a minimum of 15 minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Do not induce vomiting; immediately call for medical help.  
Immediately call a doctor.
- **Information for doctor:**  
Overexposure may cause allergic reactions in sensitive individuals, including hives, rash, difficulty in breathing, or anaphylaxis.  
Clinical use of oxytetracyclines may result in impaired renal function due to excessive systemic accumulation of tetracyclines, elevation to BUN, and possible hepatic toxicity.
- **The following symptoms may occur:**  
Pre-existing renal or hepatic disease or hypersensitivity to tetracyclines may be aggravated by exposure.

**5 Fire fighting measures**

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
If exposed to fire, toxic gases including CO and CO<sub>2</sub> may be generated.
- **Protective equipment:**  
Fire fighters should wear self-contained breathing apparatus and full protective equipment.

**6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section XIII.
- **Additional information:** No dangerous substances are released.

**7 Handling and storage**

- **Handling:**
- **Information for safe handling:**  
Store in cool, dry place in tightly closed containers.  
Handle with care. Avoid jolting and impact.
- **Information about protection against explosions and fires:**  
No special measures required.

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- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in a cool, dry, well ventilated place.
- **Recommended storage temperature:** < 30°C (86°F)

**8 Exposure controls and personal protection**

**Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
Do not eat, drink, smoke or inhale.  
Do not store food in the working area.
- **Breathing equipment:**  
Not required for this formulation when used in accordance with directions.
- **Protection of hands:**



Protective gloves

- **Eye protection:** Safety goggles.

**9 Physical and chemical properties**

- **Form:** Liquid
- **Color:** Light amber colored
- **Odor:** Characteristic
- 
- **Change in condition**
- **Melting point/Melting range:**
- **Boiling point/Boiling range:**

Value/Range	Unit	Method
-------------	------	--------

- |                                                                                |                               |          |  |
|--------------------------------------------------------------------------------|-------------------------------|----------|--|
| · <b>Change in condition</b>                                                   |                               |          |  |
| · <b>Melting point/Melting range:</b>                                          | Undetermined.                 |          |  |
| · <b>Boiling point/Boiling range:</b>                                          | 100 ° C                       |          |  |
| · <b>Flash point:</b>                                                          | Not applicable.               |          |  |
| · <b>Auto igniting:</b>                                                        | Product is not self-igniting. |          |  |
| · <b>Danger of explosion:</b><br>Product does not present an explosion hazard. |                               |          |  |
| · <b>Vapor pressure:</b>                                                       | at 20 ° C                     | 23.0 hPa |  |
| · <b>Specific gravity:</b>                                                     | Not determined.               |          |  |
| · <b>Solubility in / Miscibility with</b>                                      |                               |          |  |
| · <b>Water:</b>                                                                | Not established               |          |  |

USA

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**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** Carbon monoxide and carbon dioxide

**11 Toxicological information**

- **Acute toxicity:**  
LD/LC50 values that are relevant for classification:  
6153-64-6 Oxytetracycline Dihydrate  
Oral: LD50: 6696 mg/kg (mouse)
- **Primary irritant effect:**
- **on the skin:** No irritating effect known.
- **on the eye:** No irritating effect known.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12 Ecological information**

- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**

- **Product:**
- **Recommendation:** Incinerate at an EPA approved incinerator facility.
- **Uncleaned packagings:**
- **Recommendation:**  
Disposal must be made according to official regulations.

**14 Transport information**

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

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**Trade name: TETRADUR Injection****15 Regulations**· **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):**

7732-18-5 water, distilled, conductivity or of similar purity

· **CA Proposition 65****Chemicals known to cause cancer:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity:**

None of the ingredients are listed.

· **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations according to directives on hazardous materials.

· **Safety phrases:**

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

· **Water hazard class:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** MSDS Coordinator· **Contact:** MSDS Coordinator, 706-552-2739, msds@merial.com

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