


### Section 1: Identification

<b>Common Name/Trade Name</b>	TETRACYCLINE HYDROCHLORIDE	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
<b>Distributor Name</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>	
<b>Product Synonym(s)</b>	2-Naphthacenecarboxamide,4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a pentahydroxy-6-methyl-1,11-dioxo, monohydrochloride, [4S-(4alpha, 4a alpha, 5a alpha, 6beta, 12a alpha)]	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

### Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Acute Toxicity (Category 4), Oral, Reproductive toxicity (Category 2)	
<b>Signal Word</b>	Warning	
<b>Hazard Statement(s)</b>	H302 H361	Harmful if swallowed Suspected of damaging fertility or the unborn child
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P201 P202 P264 P270 P281 P301+P312 P308+P313 P330 P405 P501	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. IF exposed or concerned Get medical advice/attention. Rinse mouth. Store locked up. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	No data available	
<b>Ingredient(s) with Unknown Toxicity</b>	No data available	

### Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	2-Naphthacenecarboxamide,4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a pentahydroxy-6-methyl-1,11-dioxo, monohydrochloride, [4S-(4alpha, 4a alpha, 5a alpha, 6beta, 12a alpha)]
<b>Common Name</b>	Tetracycline Hydrochloride
<b>CAS Number</b>	64-75-5
<b>Impurities and/or Stabilizing Additives</b>	No data available

### Section 4: First Aid Measures

<b>General Advice</b>	In case of persisting adverse effects, consult a physician.
<b>If Inhaled</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
<b>In Case of Skin Contact</b>	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
<b>In Case of Eye Contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>If Swallowed</b>	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately
<b>Most Important Symptoms and Effects</b>	Pharmacologically active material. Occupational exposure may cause physiological effects. Indication of immediate medical attention and special treatment needed Treat symptomatically. Treatment of tetracycline overdose may include the following: Immediately dilute with water or milk. Gastrointestinal decontamination is generally not required due to low order toxicity. Administer activated charcoal as a slurry. For gastrointestinal irritation, administer antacids. For mild/moderate allergic reaction, administer antihistamines with or without inhaled beta agonists, corticosteroids, or epinephrine. For severe allergic reactions, treat with aggressive airway management, antihistamines, epinephrine, corticosteroids, ECG monitoring, and IV fluids.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Extinguishing blanket, water, foam, dry chemical or CO <sub>2</sub> .
<b>Special Hazards Arising From the Substance/Mixture</b>	No unusual fire or explosion hazards noted.
<b>Special PPE and/or Precautions for Firefighters</b>	Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Evacuate area. Minimize contact with spilled material. Keep other personnel away from the clean-up area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
<b>Methods and Materials Used for Containment</b>	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.
<b>Cleanup Procedures</b>	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Wear appropriate approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Use only in chemical fume hood. Work/hygienic practices Train employee concerning hazards and precautions. Provide adequate local exhaust ventilation. Wash hands and forearms after each use. Use indicated protective equipment while handling. Change respirator cartridge after four hours of continuous use or upon detection of an increase in breathing resistance or eye or nasal irritation.
<b>Conditions for Safe Storage</b>	Should be kept in a well-closed container and protected from light. No dust will be caused if the packing is intact. Should be protected from liquid and dangerous goods. Spontaneous combustion and explosion will not happen. The product should be stacked in good order and certain space must be kept between the piles.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	Contains no substances with occupational exposure limit values.
<b>Appropriate Engineering Controls</b>	Provide adequate local exhaust ventilation.
<b>PPE - Eye/Face Protection</b>	Safety goggles.
<b>PPE - Skin Protection</b>	Lab coat or uniform Gloves- latex
<b>PPE - Body Protection</b>	Lab coat or uniform Gloves- latex
<b>PPE - Respiratory Protection</b>	A minimum of a NIOSH half-face piece respirator with HEPA cartridges. A full-face piece respirator may be substituted for eye protection.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Yellow, odorless, crystalline powder. Is moderately hygroscopic. Is stable in the air, but exposure to strong sunlight in moist air causes it to darken.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	No data available
<b>Solubility</b>	Solubility: Soluble in water and in solutions of alkali hydroxides and carbonates; slightly soluble in alcohol; practically insoluble in chloroform and in ether. pH in aqueous solution: 1.8 - 2.8 (Solution: 1% in water)
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Partition Coefficient</b>	No data available
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Avoid moisture.
<b>Incompatible Materials</b>	Strong bases. Reducing agents. Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Hazardous combustion or decomposition products: Cl-. NOx. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Oral LD50 (rats) = 6443 mg/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<b>Acute Toxicity - Eye</b>	No data available
<b>Skin Corrosion/Irritation</b>	No data available
<b>Serious Eye Damage/Irritation</b>	No data available
<b>Respiratory or Skin Sensitization</b>	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity IARC</b>	Overall Evaluation of Carcinogenicity Not listed.
<b>Carcinogenicity ACGIH</b>	Not available.
<b>Carcinogenicity NTP</b>	Not listed.
<b>Carcinogenicity OSHA</b>	Not regulated.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child. Tetracyclines: Use of tetracyclines during the last half of pregnancy may cause permanent discoloration of the teeth, incomplete development or lack of enamel, and inhibition of skeletal growth in the fetus. Tetracyclines administered early in pregnancy have been found to cause harm to the embryo, including congenital cataracts. In addition, fatty infiltration of the liver, leading to damage or failure, may occur in pregnant women.
<b>Specific Target Organ Toxicity - Single Exposure</b>	No data available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	Lake trout, siscowet ( <i>Salvelinus namaychush</i> ) LC50 186.9 - 258.9 mg/l, 96 hours
<b>Persistence and Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	While not hazardous waste, material should be disposed of in an environmentally sound manner. Incineration in an approved facility is the preferred disposal method. The product is hygroscopic, do not wash the contaminated packing with water, and wipe the packing with clean dry cloth. Observe all federal state and local environmental regulations.
<b>Waste Treatment Methods Packaging</b>	While not hazardous waste, material should be disposed of in an environmentally sound manner. Incineration in an approved facility is the preferred disposal method. The product is hygroscopic, do not wash the contaminated packing with water, and wipe the packing with clean dry cloth. Observe all federal state and local environmental regulations.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	Not dangerous goods.
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	N/A

## Section 15: Regulatory Information

Dispose of in accordance with all applicable federal, state and local regulations. Department of Transportation (TOC) regulations may apply when transporting this material.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	03/15/2024 17:26

### Disclaimer

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