


Section 1: Identification	
<b>Common Name/Trade Name</b>	TERBINAFINE HYDROCHLORIDE
<b>Supplier Information</b>	<p>Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693</p> <p><b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)</p>
<b>Distributor Name</b>	<p>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></p>
<b>Product Synonym(s)</b>	trans-N-(6,6-Dimethyl-2-hepten-4-yl)-N-methyl-1-naphthylmethylaminehydrochloride
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances

Section 2: Hazards Identification	
<b>Classification of Substance or Mixture</b>	Serious eye damage/eye irritation (Category 2A), Skin corrosion/irritation (Category 2), Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3), Acute toxicity, Hazardous to the aquatic environment (Category 1), Chronic toxicity, Hazardous to the aquatic environment (Category 1)
<b>Signal Word</b>	Warning
<b>Hazard Statement(s)</b>	<p>H315 Causes skin irritation</p> <p>H319 Causes serious eye irritation</p> <p>H335 May cause respiratory irritation</p> <p>H410 Very toxic to aquatic life with long lasting effects</p>
<b>Pictogram(s)</b>	
<b>Precautionary Statement(s)</b>	<p>P261 Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 IF ON SKIN Wash with soap and water.</p> <p>P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P332+P313 If skin irritation occurs Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists Get medical advice/attention.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container to an approved waste disposal plant.</p>
<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>	trans-N-(6,6-Dimethyl-2-hepten-4-yl)-N-methyl-1-naphthylmethylaminehydrochloride
<b>Common Name</b>	Terbinafine hydrochloride
<b>CAS Number</b>	78628-80-5
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
<b>If Inhaled</b>	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>In Case of Skin Contact</b>	If skin irritation or rash occurs: Get medical advice/attention. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
<b>In Case of Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.
<b>If Swallowed</b>	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.
<b>Most Important Symptoms and Effects</b>	Indication of any immediate medical attention and special treatment needed: Treat symptomatically. Not expected to present a significant hazard under anticipated conditions of normal use. May cause respiratory irritation. Skin irritation. Eye irritation.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Suitable extinguishing media: Water spray. Sand. Foam. Dry powder. Unsuitable extinguishing media: Do not use a heavy water stream.
<b>Special Hazards Arising From the Substance/Mixture</b>	Fire hazard: May intensify fire; oxidiser. Explosion hazard: Explosion may result if is dispersed and finds an ignition source. Hazardous decomposition products in case of fire: Carbon monoxide. Carbon dioxide.
<b>Special PPE and/or Precautions for Firefighters</b>	Evacuate area. Fight fire remotely due to the risk of explosion. Stop leak if safe to do so. Firefighting instructions: Eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Fight fire with normal precautions from a reasonable distance. Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	General measures: Remove ignition sources. Collect spillage. Protective equipment: Concerning personal protective equipment to use, see section 8. Emergency procedures: Avoid contact with skin and eyes. Avoid breathing dust, mist, vapours. Only qualified personnel equipped with suitable protective equipment may intervene. Measures in case of dust release: Avoid dust formation. Avoid dust to spread. Dust production: have neighborhood close doors and windows. For emergency responders- Protective equipment: Special protective equipment for fire-fighters. Do not attempt to take action without suitable protective equipment. Concerning personal protective equipment to use, see section 8. For further information refer to section 8: "Exposure controls/personal protection". Emergency procedures: Evacuate unnecessary personnel.
<b>Methods and Materials Used for Containment</b>	Notify authorities if product enters sewers or public waters. Avoid release to the environment. For containment: Collect spillage.
<b>Cleanup Procedures</b>	Methods for cleaning up: Mechanically recover the product. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. On land, sweep or shovel into suitable containers. Other information: Dispose of materials or solid residues at an authorized site.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Additional hazards when processed: Provide adequate ventilation of the area to prevent the formation of explosive atmospheres. Precautions for safe handling: Avoid contact with skin and eyes. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust, mist, vapours. Take any precaution to avoid mixing with incompatible materials. Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
<b>Conditions for Safe Storage</b>	Technical measures: Provide local exhaust or general room ventilation. Provide adequate ventilation of the area to prevent the formation of explosive atmospheres. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Incompatible products: Strong acids. Strong bases. Incompatible materials: Heat sources. Combustible materials. Sources of ignition. Heat and ignition sources: Keep away from sparks, heat, open flames, hot surfaces. - No smoking. Prohibitions on mixed storage: Incompatible materials. Incompatible products. Storage area: Store in a dry place. Store in a well-ventilated place. Special rules on packaging: Store in a closed container. Keep only in original container.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No additional information available.
<b>Appropriate Engineering Controls</b>	Ensure good ventilation of the work station. Provide adequate ventilation of the area to prevent the formation of explosive atmospheres.
<b>PPE - Eye/Face Protection</b>	Safety glasses
<b>PPE - Skin Protection</b>	PVC gloves
<b>PPE - Body Protection</b>	For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take-home contamination.
<b>PPE - Respiratory Protection</b>	Mask. P1

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Physical state: Solid.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	No data available
<b>Vapor Pressure</b>	0,000000342 mm Hg (25°C) #
<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 applicable
<b>Melting Point/Freezing Point</b>	No data available
<b>Solubility</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	Non flammable
<b>Partition Coefficient</b>	Log Pow: 5342
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability</b>	Safety: Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	No dangerous reactions known under normal conditions of use.
<b>Conditions to Avoid</b>	None under recommended storage and handling conditions (see section 7).
<b>Incompatible Materials</b>	No additional information available.
<b>Hazardous Decomposition Products</b>	Carbon dioxide. Carbon monoxide.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Not classified.
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	Causes skin irritation
<b>Acute Toxicity - Eye</b>	Causes serious eye irritation.
<b>Skin Corrosion/Irritation</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation
<b>Respiratory or Skin Sensitization</b>	May cause respiratory irritation.
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity IARC</b>	Not classified
<b>Carcinogenicity ACGIH</b>	Not classified
<b>Carcinogenicity NTP</b>	Not classified
<b>Carcinogenicity OSHA</b>	Not classified
<b>Reproductive Toxicity</b>	Not classified
<b>Specific Target Organ Toxicity - Single Exposure</b>	May cause respiratory irritation.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Not classified
<b>Aspiration Hazard</b>	Not classified

## Section 12: Ecological Information

<b>Toxicity</b>	Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Not established.
<b>Persistence and Degradability</b>	Not established.
<b>Bio-accumulative Potential</b>	Log Pow 5342. Bio-accumulative potential: Not established.
<b>Mobility in Soil</b>	Not established.
<b>Other Adverse Effects</b>	Not available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Regional legislation (waste): Disposal must be done according to official regulations. Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>Waste Treatment Methods Packaging</b>	Product/Packaging disposal recommendations: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment. Do not pierce or burn, even after use.
<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>	UN 3077
<b>UN Proper Shipping Name</b>	Terbinafine Hydrochloride
<b>Transport Hazard Class(es)</b>	Hazard Class: 9
<b>Packaging Group</b>	III
<b>Environmental Hazards</b>	Dangerous for the environment: Yes Marine pollutant: Yes Other information: No supplementary information available

## Section 15: Regulatory Information

EU-Regulations No REACH Annex XVII restrictions TERBINAFINE HCL is not on the REACH Candidate List TERBINAFINE HCL is not on the REACH Annex XIV List Seveso Information: E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1 Drug Precursors: This product is not included in the lists of substances subject to diversion for illicit drug manufacture. Chemical Weapons (Prohibition) Act: This product is not included in the lists of the Chemical Weapons Convention. National regulations Germany 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance) Netherlands SZW-lijst van kankerverwekkende stoffen: The substance is not listed SZW-lijst van mutagene stoffen: The substance is not listed NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding: The substance is not listed NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling: The substance is not listed Denmark Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product NFPA (National Fire Protection Association) NFPA health hazard: 1 -Materials that, under emergency conditions, can cause significant irritation. NFPA fire hazard: 2 -Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur. NFPA reactivity: 0 -Material that in themselves are normally stable, even under fire conditions.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	09/29/2021 10:23

### Disclaimer

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