


Section 1: Identification

Common Name/Trade Name	TERBINAFINE HYDROCHLORIDE	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	trans-N-(6,6-Dimethyl-2-hepten-4-yl)-N-methyl-1-naphthylmethylaminehydrochloride	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	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)	
Signal Word	Warning	
Hazard Statement(s)	H315 H319 H335 H410	Causes skin irritation Causes serious eye irritation May cause respiratory irritation Very toxic to aquatic life with long lasting effects
Pictogram(s)		
Precautionary Statement(s)	P261 P264 P271 P273 P280 P302+P352 P304+P340 P305+P351+P338 P312 P332+P313 P337+P313 P362 P391 P403+P233 P405 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN Wash with soap and water. IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	trans-N-(6,6-Dimethyl-2-hepten-4-yl)-N-methyl-1-naphthylmethylaminehydrochloride
Common Name	Terbinafine hydrochloride
CAS Number	78628-80-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
If Inhaled	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
In Case of Skin Contact	If skin irritation or rash occurs: Get medical advice/attention. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
In Case of Eye Contact	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.
If Swallowed	Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.
Most Important Symptoms and Effects	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

Suitable Extinguishing Media	Suitable extinguishing media: Water spray. Sand. Foam. Dry powder. Unsuitable extinguishing media: Do not use a heavy water stream.
Special Hazards Arising From the Substance/Mixture	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.
Special PPE and/or Precautions for Firefighters	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

Personal Precautions, Protective Equipment and Emergency Procedures	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 neighbourhood close doors and windows. For emergency responders: Protective equipment: Special protective equipment for firefighters. 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.
Methods and Materials Used for Containment	Notify authorities if product enters sewers or public waters. Avoid release to the environment. For containment: Collect spillage.
Cleanup Procedures	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

Precautions for Safe Handling	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.
Conditions for Safe Storage	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

Components with Workplace Control Parameters	No additional information available.
Appropriate Engineering Controls	Ensure good ventilation of the workstation. Provide adequate ventilation of the area to prevent the formation of explosive atmospheres.
PPE - Eye/Face Protection	Safety glasses
PPE - Skin Protection	PVC gloves
PPE - Body Protection	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.
PPE - Respiratory Protection	Mask. P1

Section 9: Physical and Chemical Properties

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

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

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

Section 12: Ecological Information

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

Section 13: Disposal Considerations

Waste Treatment Methods Product	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.
Waste Treatment Methods Packaging	Product/Packaging disposal recommendations: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations. Avoid release to the environment. Do not pierce or burn, even after use.
Special Precautions Landfill or Incinerations	No data available.
Other Information	No data available

Section 14: Transport Information

UN Number	UN 3077
UN Proper Shipping Name	Terbinafine Hydrochloride
Transport Hazard Class(es)	Hazard Class: 9
Packaging Group	III
Environmental Hazards	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 – Vruchtbaarheid: 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

Additional Information	N/A
Prepared By	Scarlotte Smith
Revision Date	11/07/2023 09:12

Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.