Section 1: Identification

Common Name/Trade Name	CLOMIPRAMINE HYDROCHLORIDE USP	
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)	3-Chloro-10,11-dihydro-N,N-dimethyl-5H-dibenz[b,f]azepine-5-propanaminehydrochloride Anafranilhydrochloride	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4), Reproductive toxicity (Category 2), Acute aquatic toxicity (Category 1), Chronic aquatic toxicity (Category 1)	
Signal Word	Warning	
Hazard Statement(s)	H302 H361d H400 H410	Harmful if swallowed Suspected of damaging the unborn child Very toxic to aquatic life Very toxic to aquatic life with long lasting effects
Pictogram(s)		
Precautionary Statement(s)	P201 P202 P264 P270 P273 P280 P281 P301+P312 P308+P313 P330 P391 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. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. 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. Collect spillage. 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	3-Chloro-10,11-dihydro-N,N-dimethyl-5H-dibenz[b,f]azepine-5-propanaminehydrochloride, Anafranilhydrochloride
Common Name	Clomipramine Hydrochloride
CAS Number	17321-77-6
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Immediately remove any clothing soiled by the product. Symptoms of poisoning may occur even after several hours. Therefore medical observation is suggested for at least 48 hours after the accident.
If Inhaled	Supply fresh air and be sure to call for a doctor In case on unconsciousness, place patients in a stable position for transportation.
In Case of Skin Contact	Rinse the eyes with plenty of water and open eye lids during operation. If symptoms persist consult a doctor.
In Case of Eye Contact	Flush eyes with water as a precaution.
If Swallowed	Rinse mouth with water. See that this water is not swallowed. Spit liquid out again. Drink plenty of water but never give anything to an unconscious person. Call for a doctor immediately.
Most Important Symptoms and Effects	Treatment: Symptomatic treatment. No Specific antidote known. No additional information available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers. Unsuitable Extinguishing Media: A solid water stream may be inefficient.
Special Hazards Arising From the Substance/Mixture	Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas
Special PPE and/or Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), full protective gear to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear protective equipment. Keep unprotected persons away Ensure adequate ventilation. Avoid formation of dust. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Use respiratory device against the effects of fumes/dust/aerosol.
Methods and Materials Used for Containment	DO not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Take steps to avoid release into the environment, if safe to do so. Discharge into environment must be avoided.
Cleanup Procedures	Transfer to a chemical waste container for disposal in accordance with local regulations. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Prevent formation of dust and aerosols. Any deposit of dust which cannot be avoided must be regularly removed. Ensure good ventilation/exhaust at the workplace. Avoid inhalation of dust. For precautions see section 2.
Conditions for Safe Storage	Store container tightly sealed at ambient conditions with sufficient ventilation. Store away from food stuffs. Protect from exposure to light. Protect from heat (steam pipes, radiators etc.), open flames and other ignition sources and direct sunlight. Storage class (TRGS 510): Non-Combustible Solids

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
PPE - Eye/Face Protection	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
PPE - Skin Protection	Chemical resistant gloves. The glove material has to be impermeable and resistant to the product /the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. After use of gloves apply skin-cleaning agents and skin cosmetics. Material of Gloves: For un-dissolved solid substances following material may be suitable: Nitrile rubber (NBR), Butyl rubber (BR), Fluorocarbon rubber (FKM) and polypropylene rubber (CR). The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
PPE - Body Protection	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
PPE - Respiratory Protection	At formation of dust IN CASE OF UNINTENDED RELEASE: In case of brief exposure, use dust and vapor respirator. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. Short term filter device: Filter P2 Breathing equipment is only to be used in order to handle the residual risk of short-term jobs if all other risk minimizing measures have been carried out. E.g. retention and or local exhaust. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance	Almost white Crystalline Powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	3.5 - 5.0 (10% solution)
Relative Density	Not determined. Bulk density at ~20°C: 0.25-0.6 g/mL.
Melting Point/Freezing Point	Melting point/range: 189 - 192°C
Solubility	Solubility or miscibility with water at ~ 20°C: 1 g in 10 mL of water Other: Freely soluble in methanol and in methylene chloride; insoluble in ethyl ether and in hexane
Initial Boiling Point and Boiling Range	No data available
Flash Point	Not applicable
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	662°F (350°C) (BAM)
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable.
Possibility of Hazardous Reactions	Possibility of hazardous reactions/Polymerization: Will not occur.
Conditions to Avoid	No data available
Incompatible Materials	Oxidizing agents.
Hazardous Decomposition Products	Hazardous decomposition or Byproducts: Carbon dioxide, Carbon monoxide, Hydrogen chloride, Nitrogen oxide

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral LDLO (woman): 51 mg/kg; Oral TDLO (woman): 170 mg/kg; Oral LD50 (rat): 914 mg/kg; Oral LD50 (mouse): 470 mg/kg; Subcutaneous LD50 (rat): 1750 mg/kg; Subcutaneous LD50 (mouse): 400 mg/kg; Chronic toxicological effects: Clomipramine (hydrochloride) - Investigated as a mutagen and reproductive effect. Ingestion may provoke the following symptoms: Dizziness, Drowsiness, stupor, restlessness, Vomiting, Headache, Difficulty in breathing, Confusion., heartburn, Blurred vision, Convulsions
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Based on available data, the classification criteria are not met.
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Carcinogenicity ACGIH	No data available. Animal testing did not show any carcinogenic effects.
Carcinogenicity NTP	No data available. Animal testing did not show any carcinogenic effects.
Carcinogenicity OSHA	No data available. Animal testing did not show any carcinogenic effects.
Reproductive Toxicity	Suspected human reproductive toxicant Suspected of damaging the unborn child.
Specific Target Organ Toxicity - Single Exposure	Inhalation- May cause respiratory irritation.
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	No data available. Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.
Persistence and Degradability	Biodegradability Result: - Not rapidly biodegradable
Bio-accumulative Potential	No data available
Mobility in Soil	Log POW<0 not liphophillic, no bioaccumulation. Ecotoxical effects, Aquatic toxicity: Data not available. General Notes: Water hazard class 2 (German regulation) (self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water even if small quantities leak into ground water.
Other Adverse Effects	Very toxic to aquatic life with long-lasting effects.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Must not be disposed of together with household garbage. DO not allow product to reach sewage system. Must be recycled or disposed of according to the rules. Waste has to be classified according to the European waste catalogue based on the identification of the waste generating source. Uncleaned packaging: Recommendations: Observe all federal, state and local environmental regulations
Waste Treatment Methods Packaging	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging: Dispose of as unused product.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	3077
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (3-Chloro-10,11-dihydro-N,N-dimethyl-5H-dibenz[b,f]azepine-5-propanamine hydrochloride)
Transport Hazard Class(es)	9
Packaging Group	III
Environmental Hazards	Yes

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture. Authorisations and/or restrictions on use: None. Other EU legislation: Commission Regulation (EU) No. 474/2014 of 8 May 2014 amending Annex XVII to Regulation (EC) No. 1907/2006 Commission Regulation (EU) No 944/2013 of 2 October 2013 (5th ATP) amending regulation (EC) No 1272/2008 on classification, labelling and packaging of substance s and mixtures. Waste framework Directive 2008/98/EC National regulations (UK) Management of Health and Safety at work Regulations (1999) Control of Substances Hazardous to Health Regulations (COSHH 2002) Personal Protective Equipment Regulations (2002)

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
Revision Date	03/23/2023 10:48

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