


Section 1: Identification

Common Name/Trade Name	CLONIDINE 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)	2, 6-dichloro-N-2-imidazolidinylidenebenzenamine hydrochloride	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 2), Organ Damage (Category 2), Reproductive Toxicity (Category 2), Serious Eye Damage (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H303 H315 H318 H361	May be harmful if swallowed Causes skin irritation Causes serious eye damage Suspected of damaging fertility or the unborn child
Pictogram(s)		
Precautionary Statement(s)	P201 P202 P260 P264 P273 P280 P281 P302+P352 P305+P351+P338 P308+P313 P310 P312 P314 P332+P313 P362 P391 P405 P501	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. IF exposed or concerned Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Get Medical advice/attention if you feel unwell. If skin irritation occurs Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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	2, 6-dichloro-N-2-imidazolidinylidenebenzenamine hydrochloride
Common Name	Clonidine hydrochloride
CAS Number	4205-91-8
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Treat symptomatically. At least half the dose is excreted in the urine and its metabolites, including an acid oxidation product, a hydroxy derivative and a glucuronide.
If Inhaled	If fumes or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
In Case of Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
In Case of Eye Contact	If this product comes in contact with the eyes: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Transport to hospital or doctor without delay.
If Swallowed	If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
Most Important Symptoms and Effects	Treat symptomatically. At least half the dose is excreted in the urine and its metabolites, including an acid oxidation product, a hydroxy derivative and a glucuronide.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Foam. Dry chemical powder. Carbon dioxide.
Special Hazards Arising From the Substance/Mixture	Combustible solid which burns but propagates flame with difficulty; it is estimated that most organic dusts are combustible (circa 70%) - according to the circumstances under which the combustion process occurs, such materials may cause fires and / or dust explosions. Avoid generating dust, particularly clouds of dust in a confined or unventilated space as dusts may form an explosive mixture with air. A dust explosion may release of large quantities of gaseous products; this in turn creates a subsequent pressure rise of explosive force capable of damaging plant and buildings and injuring people. Combustion products include: carbon monoxide (CO), carbon dioxide (CO ₂), nitrogen oxides (NO _x), other pyrolysis products typical of burning organic material. Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result.
Special PPE and/or Precautions for Firefighters	Breathing apparatus. Gas tight chemical resistant suit. Limit exposure duration to 1 BA set 30 mins. Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water courses. Use water delivered as a fine spray to control fire and cool adjacent area. When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 100 meters in all directions.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	MINOR SPILLS: Wear protective clothing, gloves, safety glasses and dust respirator. MAJOR SPILLS: Wear full body protective clothing with breathing apparatus. Environmental hazard - contain spillage.
Methods and Materials Used for Containment	Prevent, by all means available, spillage from entering drains or water courses.
Cleanup Procedures	MINOR SPILLS Clean up waste regularly and abnormal spills immediately. Avoid breathing dust and contact with skin and eyes. MAJOR SPILLS: Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. Empty containers may contain residual dust which has the potential to accumulate following settling. Such dusts may explode in the presence of an appropriate ignition source. Do NOT cut, drill, grind or weld such containers. In addition, ensure such activity is not performed near full, partially empty or empty containers without appropriate workplace safety authorization or permit.
Conditions for Safe Storage	Avoid reaction with oxidizing agents. Keep containers securely sealed. Store at 25°C Excursions permitted between 15°C to 30°C. Store away from incompatible materials and foodstuff containers.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	The following materials had no OELs on our records: Clonidine Hydrochloride CAS No. 4205-91-8
Appropriate Engineering Controls	Work should be undertaken in an isolated system such as a "glove-box". Employees should wash their hands and arms upon completion of the assigned task and before engaging in other activities not associated with the isolated system. Open-vessel systems are prohibited.
PPE - Eye/Face Protection	Safety glasses with side shields. Chemical goggles. Check for and remove Contact lenses - may pose a special hazard.
PPE - Skin Protection	Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: frequency and duration of contact, chemical resistance of glove material, glove thickness and dexterity. Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present. polychloroprene nitrile rubber butyl rubber fluorocautchouc
PPE - Body Protection	Complete suit protecting against chemicals. Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: frequency and duration of contact, chemical resistance of glove material, glove thickness and dexterity. Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present. polychloroprene nitrile rubber butyl rubber fluorocautchouc
PPE - Respiratory Protection	RESPIRATOR: Particulate

Section 9: Physical and Chemical Properties

Appearance	White to almost white powder.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	Not available
Odor Threshold	No data available
Vapor Density	No data available
pH	4.0-5.0
Relative Density	No data available
Melting Point/Freezing Point	305°C
Solubility	Soluble in Ethanol and 1 gm is soluble in six ml of water.
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Product is considered stable.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Hazardous polymerization will not occur.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - rat - 126 mg/kg. Harmful if swallowed.
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	Causes skin irritation
Acute Toxicity - Eye	Causes serious eye damage
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	Not available.
Carcinogenicity ACGIH	Not available.
Carcinogenicity NTP	Not available.
Carcinogenicity OSHA	Not available.
Reproductive Toxicity	Suspected of damaging the unborn child.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dissolve the material with combustible solvents and burn in a chemical incinerator equipped with afterburner and scrubber. Dispose of in a manner consistent with federal, state, and local regulations.
Waste Treatment Methods Packaging	No data available.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	2811
UN Proper Shipping Name	Toxic solid, organic, n.o.s. (Clonidine hydrochloride)
Transport Hazard Class(es)	6.1
Packaging Group	III
Environmental Hazards	No data available

Section 15: Regulatory Information

Clonidine Hydrochloride is found on the following regulatory lists; "Australia Inventory of Chemical Substances (AICS)", "Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 4",

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
Revision Date	01/25/2023 12:04

Disclaimer

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