

Section 1: Identification

Common Name/Trade Name	LIDOCAINE 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-(Diethyl amino)-N-(2,6-dimethylphenyl)acetamide Monohydrochloride, Monohydrate	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 3), Acute toxicity, dermal (Category 3), Serious eye damage/eye irritation (Category 2A)	
Signal Word	Danger	
Hazard Statement(s)	H301 H311 H319	Toxic if swallowed Toxic in contact with skin Causes serious eye irritation
Pictogram(s)		
Precautionary Statement(s)	P264 P270 P280 P301+P310 P302+P352 P305+P351+P338 P312 P330 P337+P313 P361 P363 P405 P501	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. 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. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If eye irritation persists Get medical advice/attention. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. 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-(Diethyl amino)-N-(2,6-dimethylphenyl)acetamide Monohydrochloride, Monohydrate
Common Name	Lidocaine hydrochloride monohydrate
CAS Number	6108-05-0
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing, give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.
If Inhaled	May cause irritation and numbness. Avoid inhalation. Remove to fresh air.
In Case of Skin Contact	May cause irritation and numbness. Avoid contact with skin. Absorption through intact skin is poor, but absorption may be increase through broken or inflamed skin. Flush with copious quantities of water.
In Case of Eye Contact	May cause irritation and numbness. Flush with copious quantities of water for 15 minutes.
If Swallowed	May cause irritation, numbness, and toxicity. Avoid ingestion. Flush out mouth with water. This material is readily absorbed from gastrointestinal tract. Call a doctor immediately.
Most Important Symptoms and Effects	May cause skin irritation and numbness. May cause eye irritation and numbness. Harmful if swallowed. May cause irritation and numbness of the gastrointestinal tract with nausea, vomiting, or abdominal discomfort. May cause blurred vision. May affect behavior (hallucinations, euphoria, convulsions, spasticity, drowsiness, somnolence, excitement, nervousness, dizziness, tremors, unconsciousness), cardiovascular system (low blood pressure, possible cardiac arrest), respiration, and metabolism. Inhalation: May cause respiratory tract irritation and numbness. Overdose treatment is symptomatic and may consist of the following: 1. Administer activated charcoal or cathartics as soon as possible after ingestion. 2. For circulatory depression, administer vasopressor and intravenous fluids. 3. For convulsions, consider slow intravenous administration of a diazepam or an ultra-short-acting barbiturate. Maintain caution in case of additive circulatory depression. 4. A cardiac pacing wire may be necessary for heart block. 5. For a systole, fluids, dopamine, intubation, epinephrine, atropine, and cardiac pacing may be needed. [USP DI 2002 and H].

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.
Special Hazards Arising From the Substance/Mixture	This material is assumed to be combustible. As with all dry powders, it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential build-up of static electricity.
Special PPE and/or Precautions for Firefighters	As with all fires, evacuate personnel to a safe area. Fire-fighters should use self-contained breathing equipment and protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labelled container for disposal. Wash spill site.
Methods and Materials Used for Containment	Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labelled container for disposal. Wash spill site.
Cleanup Procedures	Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local & regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions for Safe Handling	Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
Conditions for Safe Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 30°C (as per USP pharmacopoeia) (104°F). Preferably store at temperature between 15°C and 30°C.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Exposure Limits: Not available.
Appropriate Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
PPE - Eye/Face Protection	Splash goggles.
PPE - Skin Protection	Full suit, Gloves.
PPE - Body Protection	Full suit, Gloves, Boots.
PPE - Respiratory Protection	A self-contained breathing apparatus should be used to avoid inhalation of the product.

Section 9: Physical and Chemical Properties

Appearance	Crystalline Solid. Color: White to yellowish.
Upper/Lower Flammability or Explosive Limits	Not available
Odor	Odorless
Vapor Pressure	Not applicable
Odor Threshold	Not available
Vapor Density	Not available
pH	(1% soln./water): 4.0 to 5.5
Relative Density	Not available
Melting Point/Freezing Point	74-79°C
Solubility	Freely soluble in alcohol.
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Partition Coefficient	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Reacts with strong oxidizing agents.
Chemical Stability	The product is stable. Stable under recommended condition of use.
Possibility of Hazardous Reactions	Reacts with strong oxidizing agents.
Conditions to Avoid	No further relevant information available.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Hazardous Polymerization: No. Decomposition Products: Carbon monoxide and carbon dioxide. Nitrogen oxides (NOx), Hydrogen chloride (HCL).

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - mouse - 292 mg/kg. LD50 Oral - rat - 317 mg/kg. Very hazardous in case of ingestion.
Acute Toxicity - Inhalation	Not available. Hazardous in case of inhalation.
Acute Toxicity - Dermal	Not available. Hazardous in case of skin contact (irritant). May cause skin irritation and numbness.
Acute Toxicity - Eye	May cause eye irritation and numbness.
Skin Corrosion/Irritation	Hazardous in case of skin contact (irritant). May cause skin irritation and numbness.
Serious Eye Damage/Irritation	May cause eye irritation and numbness.
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	May cause adverse reproductive effects and birth defects based on animal data.
Carcinogenicity IARC	No data available.
Carcinogenicity ACGIH	No data available.
Carcinogenicity NTP	No data available.
Carcinogenicity OSHA	No data available.
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	Aquatic toxicity: EC50 (48h)- 112 mg/l (Fish), LC50 (96h)- 106 mg/l (Fish).
Persistence and Degradability	Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.
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	Waste must be disposed of in accordance with federal, state and local environmental control 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	UN2811
UN Proper Shipping Name	TOXIC SOLID, ORGANIC, N.O.S. (Lidocaine hydrochloride).
Transport Hazard Class(es)	6.1
Packaging Group	III
Environmental Hazards	No data available

Section 15: Regulatory Information

Regulatory Information: n/f . International Regulatory Information: EINECS # 200-803-8. Hazard code: Xn.-Harmful. R and S Phrases: Risk phrases: R25-Toxic if swallowed. Safety phrases: S22-Do not breathe dust. S36/37-Wear suitable protective clothing and gloves. S46-If swallowed, seek medical advice immediately and show this container or label. HMIS (USA): Health Hazard: 2, Fire Hazard 1, Reactivity 0, Personal Protection E. NFPA: Health 2, Flammability 1, Reactivity 0.

Section 16: Other Information

Additional Information	N/A
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