


### Section 1: Identification

<b>Common Name/Trade Name</b>	LIDOCAINE USP	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Distributor Name</b>	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>	
<b>Product Synonym(s)</b>	2-(Diethylamino)-N-(2,6-Dimethylphenyl) acetamide	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

### Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Acute toxicity, Oral (Category 4), Sensitization, Skin (Category 1), Reproductive toxicity, effects on or via lactation (Additional category), Specific target organ toxicity, repeated exposure (Category 1) Blood Nervous System, Cardiovascular System	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H302 H317 H362 H372	Harmful if swallowed May cause an allergic skin reaction May cause harm to breast-fed children Causes damage to organs through prolonged or repeated exposure
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P201 P260 P261 P263 P264 P270 P272 P280 P301+P312 P302+P352 P308+P313 P314 P330 P333+P313 P363 P501	Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/while nursing. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN Wash with soap and water. IF exposed or concerned Get medical advice/attention. Get Medical advice/attention if you feel unwell. Rinse mouth. If skin irritation or a rash occurs Get medical advice/attention. Wash contaminated clothing before reuse. Dispose of contents/container to an approved waste disposal plant.
<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>	2-(Diethylamino)-N-(2,6-dimethylphenyl) acetamide
<b>Common Name</b>	Lidocaine
<b>CAS Number</b>	137-58-6

<b>Additional Ingredient Information</b>	Impurities and Stabilizing additives which are themselves classified and which contribute to the classification of the substance: Impurity A: 2,6-dimethylaniline. Impurity B: 2-(diethylazinoyl)-N(2,6-dimethylphenyl) acetamide (Lidocaine N2-oxide). Impurity C: N-(2,6-dimethylphenyl) acetamide. Impurity D: N-(2,6-dimethylphenyl)2-(ethylamino) acetamide. Impurity E: 2-(2-c-(azanediyl) bis [N(2,6-dimethylphenyl) acetamide]. Impurity F: 2-(diethylamino)-N-(2,3-dimethylphenyl) acetamide. Impurity G: N-(2,6-dimethylphenyl)-2-[1-methylethyl amino] acetamide, Impurity H: 2-chloro-N-(2,6-dimethylphenyl)acetamide N. Impurity I: 2-(diethylamino)-N(2,4-dimethylphenyl) acetamide. Impurity J: 2-(diethylamino)-N(2,5-dimethylphenyl) acetamide. Concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels.
<b>Impurities and/or Stabilizing Additives</b>	See Additional Ingredient Information.
<b>Section 4: First Aid Measures</b>	
<b>General Advice</b>	No data available.
<b>If Inhaled</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>In Case of Skin Contact</b>	Remove contaminated clothing and shoes. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
<b>In Case of Eye Contact</b>	Check for and remove any contact lenses. Flush with copious amounts of water for at least 15 minutes. Do not use an eye ointment as a first aid measure. Seek medical attention.
<b>If Swallowed</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Most Important Symptoms and Effects</b>	Not available. Indication of immediate medical attention and special treatment needed, if necessary: Eye Contact: Check for and remove any contact lenses. Flush with copious amounts of water for at least 15 minutes. Do not use an eye ointment as a first aid measure. Seek medical attention. Skin Contact: Remove contaminated clothing and shoes. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

<b>Section 5: Fire Fighting Measures</b>	
<b>Suitable Extinguishing Media</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Special Hazards Arising From the Substance/Mixture</b>	Flammability of the Product: May be combustible at high temperature. Flash Points: CLOSED CUP: Higher than 93.3C (200 F). Products of Combustion: These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...). Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks. Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Special PPE and/or Precautions for Firefighters</b>	Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

<b>Section 6: Accidental Release Measures</b>	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Be sure to use an approved/certified respirator or equivalent. Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134). In Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Methods and Materials Used for Containment</b>	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 and 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.
<b>Cleanup Procedures</b>	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 and 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.

<b>Section 7: Handling and Storage</b>	
<b>Precautions for Safe Handling</b>	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 label. Keep away from incompatibles such as oxidizing agents.
<b>Conditions for Safe Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 30°C (104° F). Preferably store at a temperature between 15°C and 30°C. And as per BP Pharmacopoeia protect from light.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	Exposure Limits: Not available.
<b>Appropriate Engineering Controls</b>	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.
<b>PPE - Eye/Face Protection</b>	Splash goggles.
<b>PPE - Skin Protection</b>	Full suit. Gloves.
<b>PPE - Body Protection</b>	Full suit. Gloves.
<b>PPE - Respiratory Protection</b>	NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134).

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Crystalline solid
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Characteristic
<b>Vapor Pressure</b>	Not applicable
<b>Odor Threshold</b>	Not available.
<b>Vapor Density</b>	Not applicable
<b>pH</b>	Not applicable
<b>Relative Density</b>	Not applicable
<b>Melting Point/Freezing Point</b>	66°C to 70°C
<b>Solubility</b>	Very soluble in water. The product is more soluble in Oil. Log (Oil/water) = 2.3 and is insoluble in water and very soluble in ethanol (96%) and in methylene chloride as per BP/EP/IH. (ICHQ3C)
<b>Initial Boiling Point and Boiling Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (Solid, Gas)</b>	Not applicable
<b>Partition Coefficient</b>	Not available.
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No data available.
<b>Chemical Stability</b>	The product is stable.
<b>Possibility of Hazardous Reactions</b>	Not Reported.
<b>Conditions to Avoid</b>	Excess heat, incompatible materials.
<b>Incompatible Materials</b>	Incompatibility with various substances: Reactive with oxidizing agents. Also incompatible with strong mineral acids.
<b>Hazardous Decomposition Products</b>	Not available

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Acute oral toxicity (LD50): 220 mg/kg [ Mouse ]. Harmful if swallowed. Hazardous in case of ingestion.
<b>Acute Toxicity - Inhalation</b>	Slightly hazardous in case of inhalation.
<b>Acute Toxicity - Dermal</b>	Slightly hazardous in case of skin contact (irritant). May cause skin irritation and numbness.
<b>Acute Toxicity - Eye</b>	May cause eye irritation and numbness.
<b>Skin Corrosion/Irritation</b>	May cause skin irritation and numbness.
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation.
<b>Respiratory or Skin Sensitization</b>	May cause respiratory tract irritation and numbness.
<b>Germ Cell Mutagenicity</b>	Mutagenic for bacteria and/or yeast.

<b>Carcinogenicity IARC</b>	No data available
<b>Carcinogenicity ACGIH</b>	No data available
<b>Carcinogenicity NTP</b>	No data available
<b>Carcinogenicity OSHA</b>	No data available
<b>Reproductive Toxicity</b>	May cause adverse reproductive effects and birth defects based on animal data.
<b>Specific Target Organ Toxicity - Single Exposure</b>	No data available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	May cause damage to the following organs: cardiovascular system, central nervous system (CNS).
<b>Aspiration Hazard</b>	No data available

### Section 12: Ecological Information

<b>Toxicity</b>	Not available.
<b>Persistence and Degradability</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

### Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Treatment Methods Packaging</b>	No data available
<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>	Not dangerous goods
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	N/A

### Section 15: Regulatory Information

HMIS (USA): Health Hazard: 2, Fire Hazard 1, Reactivity 0, Personal Protection E. NFPA (USA): Health: 2, Flammability: 1, Reactivity: 0. Federal and State Regulations: TSCA 8 (b) inventory: Lidocaine. EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. WHMIS (Canada): Not controlled under WHMIS (Canada).

### Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	09/16/2021 12:18

#### Disclaimer

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