

**AMERICAN REGENT, INC.
MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: LIDOCAINE HCl INJECTION, USP

MANUFACTURER: LUITPOLD PHARMACEUTICALS, INC.
PO BOX 9001
SHIRLEY, NY 11967

**EMERGENCY
TELEPHONE
NUMBER:** (800) 645-1706

SECTION I: IDENTITY

Common Name - Lidocaine
Chemical Name - 2-(diethylamino)-N-(2,6-dimethylphenyl)-acetamide, monohydrochloride
Chemical Family - Local Anesthetic, Antiarrhythmic
Chemical Formula - C₁₄H₂₂N₂O₂·HCl
CAS No. - 73-78-9
RTECS No. - AN7600000

SECTION II: HAZARDOUS INGREDIENTS/ACTIVE INGREDIENTS

<u>COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Lidocaine	Not Established	Not Established

SECTION III: PHYSICAL & CHEMICAL CHARACTERISTICS

DESCRIPTION: Lidocaine HCl Injection, USP is a sterile, nonpyrogenic, solution prepared from lidocaine with the aid of hydrochloric acid in Water for Injection (pH 5.0 - 7.0).

Appearance & Odor - Clear, colorless solution; odorless
Boiling Point - N/A
Solubility in Water - Lidocaine is solubilized in water with the addition of hydrochloric acid.
Vapor Pressure - N/A
Vapor Density - N/A

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SECTION IV: FIRE & EXPLOSION DATA

Flash Point - N/A

Extinguisher Media - Water spray, carbon dioxide, dry chemical, or foam as appropriate for surrounding fire and materials.

Flammable Limits - (LEL) - N/A
(UEL) - N/A

Unusual Fire and Explosion Hazards - Emits toxic fumes.

Hazardous Decomposition Products - Lidocaine emits toxic fumes when heated to decomposition.

Special Fire Fighting Procedures - Firefighters should use self-contained breathing apparatus and protective clothing.

SECTION V: REACTIVITY DATA

Stability - Stable

Conditions/Materials to Avoid - Exposure to light may cause decomposition. Do not mix with other drugs.

Hazardous Polymerization - Will not occur

SECTION VI: HEALTH HAZARD DATA

Primary Routes of Exposure - Inhalation, Ingestion, and Skin Absorption.

Chemical Listing as Carcinogen

National Toxicology Program - No

IARC Monographs - No

OSHA - No

Toxicity Data

LD₅₀: 129 mg/Kg intraperitoneal-rat;
LD₅₀: 570 mg/Kg subcutaneous-rat;
LD₅₀: 21 mg/Kg intravenous-rat;
LD₅₀: 220 mg/Kg oral-mouse;
LD₅₀: 110 mg/Kg intraperitoneal-mouse;
LD₅₀: 390 mg/Kg subcutaneous-mouse;
LD₅₀: 22 mg/Kg intravenous-mouse;
LD₅₀: 260 mg/Kg intramuscular-mouse;
LD₅₀: 28 mg/Kg intratracheal-rabbit

Signs and Symptoms of Overexposure

Acute - Eye, skin and/or respiratory tract irritation, unusually slow heartbeat, lightheadedness, drowsiness, difficulty in breathing, convulsions, skin rash, itching, and unusual swelling.

Chronic - Possible hypersensitization.

Emergency & First Aid Procedures

Inhalation: Remove person to fresh air. Remove contaminated clothing. Seek medical attention.

Ingestion: Flush mouth out with water. Seek medical attention.

Skin Contact: Remove contaminated clothing. Flush area with water. Seek medical attention.

Eye Contact: Flush with water. Seek medical attention.

FOR ADDITIONAL INFORMATION, REFER TO THE PRODUCT INSERT.

SECTION VII: PROTECTIVE EQUIPMENT DATA

Ventilation - Local exhaust recommended

Respiratory Protection - N/A, however, NIOSH-approved respirator should be available.

Eye Protection - Safety Goggles

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Gloves - Disposable surgical latex gloves

Clothing - Disposable protective apparel (protect exposed skin).

SECTION VIII: STORAGE & HANDLING DATA

Precautions - As a general rule, when handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mists, and/or vapors associated with the product. Do not mix with other drugs.

SECTION IX: ACCIDENTAL SPILL PROCEDURES/WASTE DISPOSAL DATA

Containment/Clean-up - Wear recommended personal protective equipment. Vacuum spillage with a vacuum cleaner having a high efficiency particulate (HEPA) filter, or absorb liquid with paper towels. Wipe working surfaces to dryness, then wash with soap and water.

Waste Disposal - Though not EPA regulated, waste should be disposed of in accordance with federal, state, and local regulations. Do not mix with other substances.

NOTICE: The information contained herein is believed to be complete and accurate. However, it is the user's responsibility to determine the suitability of the information for his or her particular purpose. Luitpold Pharmaceuticals, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on, this information.

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