



# Safety Data Sheet

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## SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

**Product Name:** LiDORx® - Lidocaine Hydrochloride USP 3%  
**Synonyms:** None  
**Use:** Topical anesthetic-analgesic

**Manufacturer Name:** Gensco Laboratories, LLC  
**Address:** 8550 NW 33<sup>rd</sup> Street, Suite 200  
Miami, FL 33122  
USA  
**Telephone:** 855-743-6726 (7GENSCO)

**Emergency Telephone:** CHEMTREC | 800 424-9300      Gensco Laboratories LLC | 855-743-6726

## SECTION 2: HAZARD INFORMATION

**Emergency Overview** In clinical use, this material is used to numb body tissues. Lidocaine is toxic by ingestion and besides its numbing effects, can affect the central nervous system, respiratory system, and cardiovascular system.

**Occupational Exposure** Information on the absorption of this compound via potential ingestion, potential inhalation or skin contact is not available. Avoid liquid aerosol generation and skin contact.

**Signs and Symptoms** No signs or symptoms from occupational exposure are known. Clinical data suggest the following: numbness, lightheadedness, transient deafness, drowsiness, dizziness, restlessness, breathing difficulty, anxiety, vomiting, tremor, stupor, convulsions, respiratory distress, decreased blood pressure, slow heart rate.

**Medical Conditions Aggravated by Exposure** Hypersensitivity to the material and/or similar materials. Pre-existing ailments in the following organs: eyes, central nervous system, and cardiovascular system.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	Approximate Percent by Weight	CAS Number
Lidocaine Hydrochloride	0.029 – 0.32	73-78-9
Urea	~10% (nominal)	57-13-6
Isopropyl Myristate	~10% (nominal)	203-751-4
Docusate Sodium	~10% (nominal)	577-11-7

### SECTION 4: FIRST AID MEASURES

<b>Eye Contact:</b>	Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
<b>Skin Contact:</b>	Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
<b>Inhalation:</b>	Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.
<b>Ingestion:</b>	Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.

### SECTION 5: FIRE FIGHTING MEASURES

<b>Flammability:</b>	Non-flammable.
<b>Fire &amp; Explosion Hazard:</b>	None
<b>Extinguishing Media:</b>	Use extinguishing media appropriate for primary cause of fire.
<b>Special Fire Fighting Procedures:</b>	No special provisions required beyond normal firefighting equipment such as flame and chemical resistant clothing and self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Spill Cleanup and Disposal:</b>	Absorb with suitable material and clean affected area with soap and water. Dispose of materials according to the applicable federal, state, or local regulations.
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### SECTION 7: HANDLING AND STORAGE

<b>Handling:</b>	No special handling required.
<b>Storage:</b>	No special storage required for hazard control. For product protection store at controlled room temperature of 15-30°C (59-86°F).
<b>Special Precautions:</b>	Protect from freezing and extreme heat.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Component	OSHA-PEL	ACGIH-TLV
Lidocaine Hydrochloride	8 hr TWA: Not Established	8 hr TWA: Not Established
Urea	1000 (T)	500 (T)
Isopropyl Myristate	250 (T)	100 (T)
Docusate Sodium	2500 (T)	1000 (T)

T-Total Aerosol

### Notes:

OSHA PEL: US Occupational Safety and Health Administration – Permissible Exposure Limit

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value.

TWA: 8 hour Time Weighted Average.

<b>Respiratory Protection:</b>	Respiratory protection is not needed during normal product use.
<b>Skin Protection:</b>	If solution contact with unprotected skin is likely, use of impervious gloves is a prudent practice.
<b>Eye Protection:</b>	Eye protection is not required during expected product use conditions but may be warranted should a splash potential exist.
<b>Engineering Controls:</b>	Engineering controls are not needed during normal product use conditions.

## SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Clear liquid
<b>Odor:</b>	Not Applicable
<b>Boiling Point:</b>	Approximately that of water (100 °C, 212 °F).
<b>Freezing Point:</b>	Approximately that of water (0 °C, 32 °F).
<b>Vapor Pressure:</b>	Not Applicable
<b>Vapor Density (Air=1):</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Applicable
<b>Bulk Density:</b>	Not Determined
<b>Specific Gravity:</b>	Approximately that of water (1.0)
<b>Solubility:</b>	Aqueous solution
<b>pH:</b>	3.0 – 7.0

## SECTION 10: STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under standard use and storage conditions.
<b>Incompatibilities:</b>	Not Determined
<b>Hazardous Decomposition Products:</b>	Toxic fumes of nitrogen oxides and HCl
<b>Hazardous Polymerization:</b>	Not Determined.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity – Oral:

Ingredient(s)	Percent	Test Type	Value	Units	Species
Lidocaine Hydrochloride	100	LD50	317 220	mg/kg	Rats Mice

LD50 is the dosage producing 50% mortality.

Product contains between approximately 0.029 – 0.32 % Lidocaine Hydrochloride.

<b>Mutagenicity</b>	Not Determined
<b>Target Organ Effects</b>	In clinical use target organ effects include central nervous system, cardiovascular system.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Aquatic Toxicity:</b>	Not Available
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## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste Disposal:</b>	Disposal should be performed in accordance with the federal, state or local regulatory requirements.
<b>Container Handling Disposal:</b>	Dispose of container and unused contents in accordance with federal, state, and local regulations.

## SECTION 14: TRANSPORT INFORMATION

<b>DOT:</b>	Not Regulated
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### Notes:

DOT - US Department of Transportation Regulations

### SECTION 15: REGULATORY INFORMATION

**TSCA Status:** Not Regulated

**CERCLA Status:** Not Regulated

**SARA Status:** Not Regulated

**RCRA Status:** Not Regulated

**PROP 65 (Calif.):** Not Regulated

**Notes:**

TSCA: Toxic Substance Control Act

CERCLA: US EPA law, Comprehensive Environmental Response, Compensation, and Liability Act

SARA: Superfund Amendments and Reauthorization Act

RCRA: US EPA, Resource Conservation and Recovery Act

Prop 65: California Proposition 65

### SECTION 16: OTHER INFORMATION

**MSDS Coordinator:** Global Occupational Toxicology

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