



## MATERIAL SAFETY DATA SHEET

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### SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

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**1501 East Woodfield Road  
Suite 300 East  
Schaumburg, IL 60173  
(847) 969-2700**

**Emergency Telephone**

**(800) 551-7176**

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**Product Identifier:** Lidocaine Hydrochloride Injection, USP  
**Chemical Name:** Lidocaine Hydrochloride  
**Category:** Anesthetic/Antiarrhythmic

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### SECTION 2 - COMPOSITION

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<u>Ingredient</u>	<u>CAS Number</u>	<u>Amount</u>
Lidocaine Hydrochloride	137-58-6	10 mg/mL or 20 mg/ mL
Methylparaben	99-76-3	0.1%
Sodium Chloride	7647-14-5	7 mg/mL or 6 mg/mL
Water for Injection	7732-18-5	QS

**Note:** Product Code 20805 is preservative-free. Product Codes 920102, 20110, and 20202 contain methylparaben as a preservative.

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### SECTION 3 - HAZARDS IDENTIFICATION

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**Route of Entry:** Inhalation, eye/skin contact, or ingestion

**Chemical Listing as  
Carcinogen**

**NTP:** No

**IARC:** No

**OSHA:** No

**Note:** NA

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### SECTION 4 - EMERGENCY & FIRST AID MEASURES

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**Eyes:** Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

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**SECTION 4 - EMERGENCY & FIRST AID MEASURES...continued**

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<b>Skin:</b>	May cause irritation and/or allergic reactions. Contact may cause numbing of the exposed area.
<b>Inhalation:</b>	Inhalation not likely under normal use conditions.
<b>Ingestion:</b>	Flush mouth out with water immediately. Seek medical attention.
<b>Contact Info:</b>	For Adverse Event Information, please call (800) 551-7176 or (847) 969-2700.

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**SECTION 5 - FIRE FIGHTING MEASURES**

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**Fire and Explosion Data**

<b>Closed Cup Flash Point:</b>	NE
<b>Open Cup Flash Point:</b>	NE
<b>Fire Point:</b>	NE
<b>Autoignition:</b>	NE
<b>Lower Explosion Limit:</b>	NE
<b>Upper Explosion Limit:</b>	NE
<b>General Hazard:</b>	Emits toxic fumes when heated.
<b>Fire Fighting Instructions:</b>	Water spray, dry chemical, carbon dioxide, or foam as appropriate to surroundings.
<b>Fire Fighting Equipment:</b>	Wear self-containing breathing apparatus and protective clothing.
<b>Hazardous Combustion Products:</b>	Smoke and NO <sub>x</sub> fumes

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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<b>Clean-Up:</b>	Wear recommended personal protective equipment (See Section 8 - Exposure Controls/Personal Protection). Use absorbent towels or brooms to clean-up spill. Wipe surface area clean with soap and water.
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**SECTION 7 - HANDLING AND STORAGE**

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<b>General Handling:</b>	When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product.
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**SECTION 7 - HANDLING AND STORAGE...continued**

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**Storage Conditions:** Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature].

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**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Engineering Controls:** General room ventilation is satisfactory. Use local exhaust ventilation if necessary.

**Personal Protective Equipment**

**Eye Protection:** Safety glasses or goggles recommended.

**Hand Protection:** Disposable latex gloves recommended.

**Respiratory Protection:** With satisfactory ventilation, respiratory protection is usually not required.

**Skin Protection:** Disposable garments if direct skin contact is anticipated.

**Exposure Limits:**

<u>Compound</u>	<u>Issuer</u>	<u>Type</u>	<u>OEL</u>
Lidocaine Hydrochloride	OSHA	PEL	NE
	ACGIH	TLV	NE
	---	STEL	NE
Methylparaben	OSHA	PEL	NE
	ACGIH	TLV	NE
	---	STEL	NE
Sodium Chloride	OSHA	PEL	NE
	ACGIH	TLV	NE
	---	STEL	NE
Water for Injection	OSHA	PEL	NE
	ACGIH	TLV	NE
	---	STEL	NE

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical Form/  
Appearance:** Aqueous solution

**Boiling Point/Boiling  
Range:** NA

**Melting Point/Melting  
Range:** NA

**Freezing Point:** NA

**Vapor Pressure :** NA

**Relative Vapor Density:** NA

**Percent Volatiles:** NA

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES...continued**

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**pH:** 5.0 - 7.0  
**Molecular Weight:** 288.82  
**Solvent Solubility:** Soluble in water  
**Note:** NA

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**SECTION 10 - STABILITY AND REACTIVITY**

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**Stability:** Stable under recommended storage conditions.  
**Conditions to Avoid:** Avoid acids, bases, and oxidizing agents.  
**Hazardous Polymerization:** Will not occur

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**SECTION 11 - TOXICOLOGY INFORMATION**

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**Signs & Symptoms of Exposure & Overexposure:** This product is intended for therapeutic use only when prescribed by a physician. Potential adverse reactions from prescribed doses and overdoses are described in the package insert. Adverse reactions from therapeutic doses are generally dose related and may result from high plasma levels caused by excessive dosage, rapid absorption, or inadvertent intravascular injection. The most commonly reported adverse events are excitatory and/or depressant for the central nervous system and cardiovascular system. Allergic reactions are usually cutaneous lesions, urticaria, edema, or anaphylactoid reactions. Occupational exposure has not been fully investigated.

**Medical Conditions Aggravated by Accidental Exposure:** Individuals with a known history of hypersensitivity to local anesthetics of the amide type, individuals with STOKES-ADAMS syndrome, Wolff-Parkinson-White syndrome, or severe degrees of sinoatrial, atrioventricular, or intraventricular block.

**Acute Toxicity:**

<u>Compound</u>	<u>Type</u>	<u>Route</u>	<u>Species</u>	<u>Dosage</u>
Lidocaine Hydrochloride	LD <sub>50</sub>	Oral	Rat	214 mg/kg
	LD <sub>50</sub>	Oral	Mouse	220 mg/kg
	LD <sub>50</sub>	IV	Rat	21 mg/kg
	LD <sub>50</sub>	IV	Mouse	15 mg/kg

**Other:** NA

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**SECTION 12 - TRANSPORTATION INFORMATION**

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**UN/NA Number:** NA

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**SECTION 12 - TRANSPORTATION INFORMATION...continued**

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**U.S. DOT Hazard Class:** NA  
**Proper Shipping Name:** NA  
**Shipping Label:** NA

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**SECTION 13 - DISPOSAL INFORMATION**

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**Disposal Procedure :** Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state, and local regulations.

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**SECTION 14 - OTHER**

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**Key to Abbreviations:** ACGIH - American Conference of Governmental Industrial Hygienists  
HEPA - High Efficiency Particulate Air  
IARC - International Agency for Research on Cancer  
NA - Not Applicable  
NE - Not Established  
NG - Not Given  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OEL - Occupational Exposure Limit  
OSHA - Occupational Safety and Health Administration  
PEL - Permissible Exposure Limit  
PPM - Parts Per Million  
QS - Quantity Sufficient  
RCRA - Resource Conservation and Recovery Act  
STEL - Short Term Exposure Limit  
TLV - Threshold Limit Value  
USP - United States Pharmacopeia

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