

## Material Safety Data Sheet

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LIDOCAINE HCl 2.0 % and Epinephrine 1:100,000 Injection

Catalog Number(s):       861 7151  
                              115 6124

Supplier: Carestream Health, Inc., 150 Verona Street, Rochester, New York,  
14608

For Emergency Health Information call, (800) 424-9300

For other information contact 800-328-2910.

Synonym(s):   KAN 966037; F-0179.151; NDC 58472-032-50

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight % - Component - (CAS Registry No.)

95-99	Water (007732-18-5)
1-5	Lidocaine hydrochloride (000137-58-6)
< 1	Sodium chloride (007647-14-5)
< 0.1	Sodium metabisulfite (007681-57-4)
< 0.1	Citric acid (000077-92-9)

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### 3. HAZARDS IDENTIFICATION

CONTAINS: Lidocaine hydrochloride (000137-58-6)

WARNING!

MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR SWALLOWED

Components of this product may be absorbed through mucous membranes and can cause local anesthesia (numbness in the exposed area).

HMIS Hazard Ratings:

Health - 2, Flammability - 0, Reactivity - 0, Personal Protection - B

NFPA Hazard Ratings:

Health - 0, Flammability - 0, Reactivity (Stability) - 0

NOTE: HMIS and NFPA hazard indexes involve data review and interpretation that may vary among companies. They are intended only for rapid, general identification of the magnitude of the potential hazards. The personal protection index is only intended for general guidance on personal protection equipment (PPE) that is suitable for the potential hazards of the material. PPE (e.g., respirators) may not be needed if engineering controls (e.g., local ventilation) are adequate. An asterisk (\*), in the HMIS health field, designates potential chronic or target organ hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

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### 4. FIRST-AID MEASURES

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Inhalation: If symptomatic, move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Immediately remove contaminated clothing and shoes and wash with soap and plenty of water. Get medical attention. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

Ingestion: Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

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### 5. FIRE FIGHTING MEASURES

Extinguishing Media: Use appropriate agent for adjacent fire.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: None (noncombustible)

Unusual Fire and Explosion Hazards: None

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### 6. ACCIDENTAL RELEASE MEASURES

Flush to sewer with large amounts of water. Otherwise, absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination.

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### 7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Prevention of Fire and Explosion: No special precautionary measures should be needed under anticipated conditions of use.

Storage: Keep container closed. Protect from light. Storage above 30°C (86°F) may affect product quality. Storage below 15°C (59°F) may affect product quality.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

ACGIH Threshold Limit Value (TLV):

Sodium metabisulfite: 5 mg/m<sup>3</sup> TWA

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

Respiratory Protection: None should be needed.

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Eye Protection: Wear safety glasses with side shields (or goggles).

Skin Protection: Wear impervious gloves and protective clothing appropriate for the risk of exposure.

Recommended Decontamination Facilities: Eye bath, washing facilities, safety shower

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid  
Color: Colorless  
Odor: Odorless  
Specific Gravity (water = 1): 1.0  
Vapor Pressure at 20°C (68°F): 24 mbar (18 mm Hg)  
Vapor Density (Air = 1): 0.6  
Volatile Fraction by Weight: 98 %  
Boiling Point: >100°C (>212°F)  
Solubility in Water: Complete  
pH: 3.3 - 5.5  
Flash Point: None, noncombustible liquid

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### 10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: None with common materials and contaminants with which the material may reasonably come into contact.

Hazardous Polymerization: Will not occur.

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### 11. TOXICOLOGICAL INFORMATION

Effects of Exposure: Components of this product may be absorbed through mucous membranes and can cause local anesthesia (numbness in the exposed area). Signs and symptoms of overexposure may include changes in heart rate and blood pressure, faintness, sweating, and central nervous system effects such as dizziness, nervousness, drowsiness, blurred vision, and tremors. Adverse effects could be more pronounced in those receiving medications to alter blood pressure, and people with cardiovascular disease or drug sensitivity or allergy.

Inhalation: Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Eyes: No specific hazard known. May cause transient irritation.

Skin: May be harmful if absorbed through skin.

Ingestion: May be harmful if swallowed.

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### 12. ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

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### 13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Consult state or local regulatory authorities before flushing to sewer with large amounts of water. Since emptied containers retain product residue, follow label warnings even after container is emptied.

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### 14. TRANSPORT INFORMATION

For more transportation information, go to: <http://ship.carestreamhealth.com>.

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### 15. REGULATORY INFORMATION

- Material(s) known to the State of California to cause cancer: None
- Material(s) known to the State of California to cause adverse reproductive effects: None
- Carcinogenicity Classification (components present at 0.1% or more):
  - International Agency for Research on Cancer (IARC): None
  - American Conference of Governmental Industrial Hygienists (ACGIH): None
  - National Toxicology Program (NTP): None
  - Occupational Safety and Health Administration (OSHA): None
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None

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### 16. OTHER INFORMATION

US/Canadian Label Statements:

CONTAINS: Lidocaine hydrochloride (000137-58-6)

WARNING!

MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR SWALLOWED

Avoid contact with eyes, skin, and clothing.  
Wash thoroughly after handling.

FIRST AID: If swallowed, only induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

Keep out of reach of children.

For additional information, see Material Safety Data Sheet (MSDS) for this material.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

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The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

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R-1, S-2, F-0, C-0