

14. TRANSPORTATION INFORMATION, continued

IMO STATUS: Not Regulated
PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
UN NUMBER: N/A
PACKING GROUP: N/A
REPORTABLE QUANTITY: N/A
FLASH POINT: Non-flammable

15. REGULATORY INFORMATION

TSCA STATUS: N/A

CERCLA STATUS: N/L

SARA STATUS: N/L

RCRA STATUS: N/L

PROP 65 (CA): N/L

16. OTHER INFORMATION

LEGEND: N/A = Not Applicable
N/D = Not Determined
N/L = Not Listed
L = Listed
C = Ceiling
S = Short-term
(R) = Registered Trademark of Abbott Laboratories
(TM) = Registered Trademark of Abbott Laboratories

The information and recommendations contained herein are based upon information believed to be reliable. However, Abbott Laboratories does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform with actual conditions of usage may be required. Abbott Laboratories assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of these data. No freedom from infringement of any patent, copyright or trademark is to be inferred.

□
END!!

11. TOXICOLOGICAL INFORMATION, continued

DERMAL IRRITATION: N/D. Dilute aqueous solution of lidocaine hydrochloride a mild skin irritant in rabbits.

OCULAR IRRITATION: N/D. Dilute aqueous solution of lidocaine hydrochloride a mild eye irritant in rabbits.

DERMAL SENSITIZATION: N/D. Lidocaine hydrochloride infrequently induces delayed hypersensitivity responses.

SPECIAL TARGET ORGAN EFFECTS: N/D. Local anesthetic that produces numbness and that effects the central nervous system and cardiovascular system. It can effect the fetus (fetal hypoxia or bradycardia) if used during labor and delivery.

CARCINOGENICITY INFORMATION: N/D

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/D

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

DOT STATUS: Not Regulated

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

REPORTABLE QUANTITY: N/A

IATA/ICAO STATUS: Not Regulated

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING GROUP: N/A

REPORTABLE QUANTITY: N/A

SKIN PROTECTION: Impervious gloves are appropriate if skin contact is likely.

MATERIAL SAFETY DATA SHEET
MATERIAL SAFETY DATA SHEET

PAGE 4
PAGE 4

Lidocaine Hydrochloride Injection/Topical Solution, USP ISSUED 12/27/96

8. EXPOSURE CONTROLS/PERSONAL PROTECTION, continued

EYE PROTECTION: Recommended if eye contact is likely.

OTHER PROTECTION: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Clear liquid

ODOR: N/A

BOILING POINT: Water (approx.)

MELTING/FREEZING POINT: Water (approx.)

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air=1): N/A

EVAPORATION RATE: N/A

BULK DENSITY: N/D

SPECIFIC GRAVITY: Water (approx.)

SOLUBILITY: Aqueous solution

pH: 3.0 - 7.0

VISCOSITY: Water (approx.)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: N/D.

INCOMPATIBILITIES: N/D.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, it emits very toxic fumes of NO_x and HCl.

HAZARDOUS POLYMERIZATION: N/D

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY: N/D. LD₅₀ = 220-457 mg/kg in mice for lidocaine hydrochloride (Toxic).

DERMAL TOXICITY: N/D. Continued topical application can lead to toxic serum concentrations for lidocaine hydrochloride.

INHALATION TOXICITY: N/D. Rapidly absorbed following application of endotrachea spray. LD₅₀ (intratracheal) = 28 mg/kg in rabbits for lidocaine hydrochloride.

symptomatic/supportive care, controlling convulsions and monitoring cardiac and respiratory function, as necessary.

MATERIAL SAFETY DATA SHEET

PAGE 3

MATERIAL SAFETY DATA SHEET

PAGE 3

Lidocaine Hydrochloride Injection/Topical Solution, USP ISSUED 12/27/96

4. FIRST AID MEASURES, continued

INHALATION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, controlling convulsions and monitoring cardiac and respiratory function, as necessary.

5. FIRE FIGHTING PROCEDURES

FLASH POINT: Non-flammable

FLASH POINT METHOD: N/A

LOWER EXPLOSIVE LIMIT(%): N/D

UPPER EXPLOSIVE LIMIT(%): N/D

AUTOIGNITION TEMPERATURE: N/D

FIRE & EXPLOSION HAZARDS: N/D

EXTINGUISHING MEDIA: N/A

FIRE FIGHTING INSTRUCTIONS: N/D

6. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE PROCEDURES: Absorb with suitable material, flush with water.

7. HANDLING AND STORAGE

HANDLING: No special handling required.

STORAGE: Store at controlled room temperature of 15-30 degrees C (59-86 degrees F).

SPECIAL PRECAUTIONS: N/D.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special provisions required during normal product use conditions.

RESPIRATORY PROTECTION: None required during normal product use.

INGESTION RATING: Possibly toxic

SKIN ABSORPTION RATING: N/D

MATERIAL SAFETY DATA SHEET

PAGE 2

MATERIAL SAFETY DATA SHEET

PAGE 2

Lidocaine Hydrochloride Injection/Topical Solution, USP ISSUED 12/27/96

3. HAZARDS INFORMATION, continued

INHALATION RATING: N/D

CORROSIVENESS RATING: N/D

SKIN CONTACT RATING: N/D

SKIN SENSITIZATION RATING: N/D

EYE CONTACT RATING: N/D

TARGET ORGANS: Nerves, central nervous system, cardiovascular system, respiratory system

CARCINOGENICITY RATING: NTP: N/L IARC: N/L OSHA: N/L

ACGIH: N/L

None

SIGNS AND SYMPTOMS: N/D. In clinical use, lidocaine produces numbness, lightheadedness, drowsiness, dizziness, restlessness, loss of hearing, breathing/swallowing dysfunction, apprehension, euphoria, tinnitus, altered vision, vomiting, sensation of hot-cold- numbness, twitching, tremors, stupor, convulsions, unconsciousness, respiratory arrest, hypotension, bradycardia and cardiovascular collapse.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D. Sensitivity to amide-type local anesthetics. Pre-existing cardiovascular or central nervous system disease.

4. FIRST AID MEASURES

EYES: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, controlling convulsions and monitoring cardiac and respiratory function, as necessary.

SKIN: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care, controlling convulsions and monitoring cardiac and respiratory function, as necessary.

INGESTION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. No known antidote. Provide

Lidocaine Hydrochloride Injection/Topical Solution, USP ISSUED 12/27/96

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Name: Lidocaine Hydrochloride Injection; Lidocaine Hydrochloride Topical Solution; Lidocaine Hydrochloride in 5% Dextrose; Lidocaine Hydrochloride in 7.5% Dextrose, USP

List Number: 4056, 4270, 4275, 4276, 4277, 4278, 4279, 4281, 4282, 4283, 4712, 4713, 4776, 4898, 4903, 4904, 4923, 4924, 6217, 6248, 6254, 7916, 7931, 7939, 8026, 8027

MANUFACTURER: Hospital Products Division
Abbott Laboratories
Abbott Park, Illinois 60064

EMERGENCY TELEPHONE NUMBER: 1-847-937-7970

CHEMTREC TELEPHONE NUMBER: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME: Lidocaine Hydrochloride *
CAS/RTECS NUMBERS: 73-78-9/AN7600000
OSHA-PEL SHR TWA: N/L
STEL: N/L
CEILING: N/L
ACGIH-TLV SHR TWA: N/L
STEL: N/L
CEILING: N/L
OTHER SHR TWA: 0.5 mg/m³ (Abbott Laboratories Guideline).
LIMITS STEL: 5 mg/m³ (Abbott Laboratories Guideline).
CEILING: N/L

* Hazardous per OSHA criteria

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW: In clinical use, this material is used to numb body tissues. The active ingredient is toxic by ingestion. Besides its numbing effects, it can effect the central nervous system, respiratory system and cardiovascular system.

ROUTE(S) OF ENTRY: Skin: Unlikely
Inhalation: Unlikely
Ingestion: Unlikely