1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: Naloxone Hydrochloride Injection, USP
List Number: 1211, 1212, 1213, 1215, 1216, 1219, 1782, 1790

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: Naloxone Hydrochloride *
CAS/RTECS NUMBERS: 357-08-4 / QD2275000
OSHA-PEL 8HR TWA: N/L
STEL: N/L
CEILING: N/L
ACGIH-TLV 8HR TWA: N/L
STEL: N/L
CEILING: N/L
OTHER 8HR TWA: 1 mg/m3 (Abbott Laboratories)
LIMITS STEL: N/A
CEILING: N/A
* Hazardous per OSHA criteria

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW: In clinical use, this material is used to reverse the effects of narcotic overdose. The active ingredient is a potent drug. Target organs include the nervous system and cardiovascular system.

ROUTE(S) OF ENTRY:
Skin: Unlikely
Inhalation: Unlikely
Ingestion: Unlikely
3. HAZARDS INFORMATION, continued

INGESTION RATING: None.

SKIN ABSORPTION RATING: N/D

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: Nervous system, cardiovascular system

CARCINOGENICITY RATING: NTP: N/L  IARC: N/L  OSHA: N/L  ACGIH: N/L  None

SIGNS AND SYMPTOMS: N/D. In clinical use, high doses of naloxone hydrochloride have produced drowsiness with reports of altered blood pressure, cardiac irregularities and pulmonary edema. Similar or larger doses in normal volunteers produced an increase in blood pressure, decreased memory function, tingling/transient numbness, sweating, yawning, nausea, stomach ache and mood changes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/D. Data suggest pre-existing cardiovascular disease, narcotic addiction and hypersensitivity to naloxone.

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 as necessary.
4. FIRST AID MEASURES, continued

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 as necessary.

INGESTION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care as necessary.

INHALATION: Remove from source of exposure. If signs of toxicity occur, seek medical attention. No known antidote. Provide symptomatic/supportive care as necessary.

5. FIRE FIGHTING PROCEDURES

FLASH POINT: N/A
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: Use media appropriate for primary cause of fire.

FIRE FIGHTING INSTRUCTIONS: Fire fighters should wear self-contained breathing apparatus, flame and chemical resistant clothing, boots and gloves.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE PROCEDURES: Absorb with suitable material and place into container for disposal in accordance with Section 13.
7. HANDLING AND STORAGE

HANDLING: Protect from light.

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

SPECIAL PRECAUTIONS: Protect from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special provisions are required under normal product use.

RESPIRATORY PROTECTION: Respiratory protection is not needed during normal product use.

SKIN PROTECTION: If skin contact is likely, impervious gloves are recommended.

EYE PROTECTION: Eye protection is not required during typical product use conditions. Eye protection is recommended if contact is likely.

OTHER PROTECTION: N/D

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Clear, colorless solution.

ODOR: N/D

BOILING POINT: Water (approx.)

MELTING/FREEZING POINT: Water (approx.)

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (Air=1): N/D

EVAPORATION RATE: N/D

BULK DENSITY: Water (approx.)

SPECIFIC GRAVITY: N/D

SOLUBILITY: Water.

pH: 3.0 - 4.5

VISCOSITY: N/D
10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: N/D

INCOMPATIBILITIES: Narcotics.

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

HAZARDOUS POLYMERIZATION: N/D

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY: N/D. LD50 > 1000 mg/kg in rats and mice for naloxone hydrochloride.

DERMAL TOXICITY: N/D

INHALATION TOXICITY: N/D

CORROSIVENESS: N/D

DERMAL IRRITATION: N/D

OCULAR IRRITATION: N/D

DERMAL SENSITIZATION: N/D

SPECIAL TARGET ORGAN EFFECTS: N/D. In clinical use, naloxone reverses the respiratory depression and sedative effects of opioid poisoning, although it possesses some opioid activity at high doses.

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

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: N/A

15. REGULATORY INFORMATION

TSCA STATUS: N/A
CERCLA STATUS: N/L
SARA STATUS: N/L
RCRA STATUS: N/L
PROP 65 (CA): N/D
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

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