

**M**aterial  
**S**afety  
**D**ata  
**S**heet



**Common Name:** NALOXONE HCL INJECTION

**Manufacturer:** BAXTER HEALTHCARE

**Revision:** 8/1/1998

BAXTER

MATERIAL SAFETY DATA SHEET: NALOXONE HCL INJECTION

MANUFACTURER:  
BAXTER HEALTHCARE CORPORATION  
ONE BAXTER PARKWAY  
DEERFIELD, IL 60015-4633

TELEPHONE:

EMERGENCY CONTACT:

PROSAR:  
USA: (888)990-0996  
OUTSIDE USA: (615)917-6114

CHEMTREC:  
USA: (800)424-9300  
OUTSIDE USA: (743)741-6089



## SECTION I: IDENTIFICATION

TRADE/COMMON NAMES: NALOXONE HCL INJECTION

CHEMICAL NAMES:  
(-)-17-ALLYL-4,5(ALPHA)-EPOXY-3,14-DIHYDROXYMORPHINAN-6-ONE HYDROCHLORIDE IN  
AQUEOUS SOLUTION

CODE NUMBER: NDC 10019-039-68

CHEMICAL FAMILY: NARCOTIC ANTAGONIST

DOT DESIGNATION: NOT REGULATED

NEPA HAZARD RATINGS:  
HEALTH 1  
FIRE 0  
REACTIVITY 0



## SECTION II: HAZARDOUS INGREDIENTS

COMPONENT (CAS NUMBER) ACGIH OSHA OTHER NOTES  
TLV PEL LIMITS

NALOXONE HYDROCHLORIDE N/A N/A N/A NONE  
(357-08-4) 0.04%

KEY TO NOTES:  
(1) (SUSPECT) CARCINOGEN - OSHA, ACGIH, NTP, OR IARC  
(2) SARA TITLE III SECTION 313 CHEMICAL  
(3) SARA TITLE III EXTREMELY HAZARDOUS SUBSTANCE

NONE: NONE OF THE ABOVE APPLIES TO THIS COMPONENT

### SECTION III: PHYSICAL DATA

BOILING POINT: APPROX. 212 DEG. F  
% VOLATILE (BY WEIGHT): APPROX. 98  
VAPOR PRESSURE (MMHg): NOT DETERMINED  
EVAPORATION RATE (DIETHYL ETHER = 1): SLOWER  
VAPOR DENSITY (AIR = 1): LIGHTER THAN AIR  
pH: 3.0-4.5  
SPECIFIC GRAVITY (WATER = 1): APPROX. 1  
SOLUBILITY IN WATER: MISCIBLE  
APPEARANCE AND ODOR: CLEAR, COLORLESS SOLUTION

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A  
METHOD: N/A  
LEL: N/A  
UEL: N/A  
EXTINGUISHING MEDIA: ANY MEDIUM SUITABLE FOR SURROUNDING MATERIALS  
SPECIAL FIRE FIGHTING PROCEDURES: NONE  
UNUSUAL FIRE/EXPLOSION HAZARDS:  
MAY EMIT SMALL AMOUNTS OF TOXIC GASES (SEE HAZARDOUS DECOMPOSITION PRODUCTS BELOW)

### SECTION V: REACTIVITY DATA

STABLE: YES  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS, CAUSTICS, OXIDIZERS  
HAZARDOUS DECOMPOSITION PRODUCTS:  
HYDROGEN CHLORIDE, OXIDES OF CARBON AND NITROGEN.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

### SECTION VI: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:  
EYES:  
ACUTE: MAY CAUSE REDNESS AND IRRITATION  
CHRONIC: NONE KNOWN

**SKIN:**

ACUTE: MAY CAUSE REDNESS AND IRRITATION (MATERIAL IS ACIDIC)

CHRONIC: NONE KNOWN

**INHALATION:**

UNLIKELY UNDER NORMAL CONDITIONS OF HANDLING OR USAGE (REQUIRES CREATION OF AN AEROSOL).

**INGESTION:**

UNLIKELY UNDER NORMAL CONDITIONS OF HANDLING OR USAGE. EFFECTS EXPECTED TO BE SIMILAR TO THOSE OF ACCIDENTAL INJECTION

**ACCIDENTAL INJECTION:**

IN THE ABSENCE OF NARCOTICS OR OTHER ANTAGONISTS, HAS ESSENTIALLY NO PHARMACOLOGIC ACTIVITY. WILL PRODUCE WITHDRAWAL SYMPTOMS (POSSIBLY SEVERE) IN THE PRESENCE OF PHYSICAL DEPENDENCE ON NARCOTICS. HYPERSENSITIVITY REACTIONS MAY OCCUR.

**TOXICITY DATA:**

THE FOLLOWING TOXICOLOGY INFORMATION IS FOR PURE NALOXONE ONLY.

LD50 INTRAVENOUS MOUSE: 90 MG/KG

LD50 INTRAVENOUS RAT: 107 MG/KG

LD50 SUBCUTANEOUS RAT: 500 MG/KG

LD50 SUBCUTANEOUS MOUSE: 286 MG/KG

LDLO INTRAPERITONEAL MOUSE: 80 MG/KG

LD50 INTRAPERITONEAL RAT: 239 MG/KG

**EMERGENCY FIRST AID PROCEDURES:**

EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

**SKIN:**

REMOVE CONTAMINATED CLOTHING AND FLUSH THE AREA WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF REDNESS OR IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

INHALATION: N/A

INGESTION: FLUSH MOUTH WITH WATER. SEE ALSO ACCIDENTAL INJECTION.

**ACCIDENTAL INJECTION:**

TREAT SYMPTOMATICALLY AND SUPPORTIVELY FOR REACTION TO DRUG.

**SECTION VII: SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

WIPE UP WITH RAGS OR SIMILAR ABSORBENT

ADDITIONAL INFORMATION MAY BE OBTAINED BY CALLING: 1-888-990-0996.

**WASTE DISPOSAL METHOD:**

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING THOSE FOR CONTROLLED SUBSTANCES.

**SECTION VIII: PERSONAL PROTECTION**

RESPIRATORY PROTECTION: NONE NEEDED.

VENTILATION: GENERAL VENTILATION IS ADEQUATE.

SKIN: IMPERVIOUS GLOVES RECOMMENDED (LATEX, NITRILE, OR RUBBER).

**EYES:**

SAFETY GLASSES RECOMMENDED WHERE SPLASHING OR SQUIRTING MAY OCCUR.

OTHER: NONE

 SECTION IX: SPECIAL PRECAUTIONS

## HANDLING AND STORAGE:

STORE AT CONTROLLED ROOM TEMPERATURE 15-25 DEG. C  
(59-86 DEG. F). PROTECT FROM LIGHT.

OTHER: NONE

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BASED ON THE BEST DATA CURRENTLY AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, OR THE RESULTS OBTAINED FROM ITS USE. IT IS THE RESPONSIBILITY OF THE PRODUCT USERS TO DETERMINE THE PROPER CONDITIONS FOR HANDLING, USE, STORAGE AND DISPOSAL OF THIS MATERIAL IN THEIR OWN OPERATIONS.

SHEET HISTORY: ISSUED AUGUST, 1998

CHANGE IN MANUFACTURER NAME/EMERGENCY CONTACT: 2001

ADDITION OF CODE NUMBERS: 2002