

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-357/357-08-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
357-08-4  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
NALOXONE HYDROCHLORIDE

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE REQUIRED UNDER NORMAL USE.

**Ventilation:**  
NATURAL VENTILATION IS ADEQUATE.

**Protective Gloves:**  
WEAR GLOVES

**Eye Protection:**  
SAFETY GOGGLES

**Other Protective Equipment:**  
Equipment WEAR REGULAR WORK CLOTHES, INCLUDING LONG-SLEEVED SHIRT TROUSERS.

**Work Hygienic Practices:**  
USE NORMAL PERSONAL HYGIENE AND FOLLOW GOOD HOUSEKEEPING PRACTICES.

**Supplemental Safety and Health:**  
THIS MEDICINE IS FOR THERAPEUTIC USE ONLY. OCCUPATIONAL HAZARDS ARE NOT FULLY UNDERSTOOD.

## Health Hazards Data

**LD50LC50Mixture:**  
(SUBCUTANEOUS) LD50 (RAT):640 MG/KG

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYE, SKIN AND RESPIRATORY TRACT IRRITATION MAY OCCUR.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
IRRITATION. 4

**Medical Cond Aggravated By Exposure:**  
NONE KNOWN

**First Aid:**  
EYE-FLUSH PROMPTLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN-WASH WITH SOAP & WATER; THEN FLUSH WITH WATER UNTIL CHEMICAL IS REMOVED. INGESTION-RINSE MOUTH WITH WATER, DRINK 2 TO 4 GLASSES OF WATER AND IMMEDIATELY GET MEDICAL HELP. INHALATION-REMOVE TO FRESH AIR AND PROVIDE CPR IF NEEDED.

**Spill Release Procedures:**  
WIPE OR MOP UP AND PLACE IN A CONTAINER FOR DISPOSAL. FLUSH RESIDUE AWAY WITH WATER.

**Neutralizing Agent:**  
NOT APPLICABLE

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
DO NOT FREEZE. STORE BETWEEN 2 AND 8C. KEEP CONTAINER TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE.

**Other Precautions:**  
KEEP OUT OF REACH OF CHILDREN. FOR THERAPEUTIC USE ONLY.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
>200F,>93C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. 5

**Fire Fighting Procedures:**  
WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

**Unusual Fire/Explosion Hazard:**  
COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**  
6

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** 3.0

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR, COLORLESS SOLUTION, ODORLESS.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT, EXPOSURE TO LIGHT.

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
TOXIC OXIDES OF NITROGEN., AND HYDROGEN CHLORIDE.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE KNOWN.

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.