

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-50/50-56-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
50-56-6  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
OXYTOCIN

**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:**  
PREGNANT WOMEN MUST HANDLE IT WITH EXTRA CARE TO AVOID OVEREXPOSURE.

## Health Hazards Data

**LD50LC50Mixture:**  
I.V. LD50 (MOUSE): 5.8 MG/KG

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION:NOT LIKELY ROUTE. INGESTION:MAY CAUSE GASTRIC DISTRESS. SKIN:IRRITATION. EYE:IRRITATION. CHRONIC:IRREGULAR HEART BEAT, SKIN IRRITATION/INJURY, POSTPARTUM HEMORRAGE, ANAPHYLACTIC REACTIONS.

**Explanation Of Carcinogenicity:**  
N/P 2

**Signs And Symptions Of Overexposure:**  
EYE/SKIN-IRRITATION., IRREGULAR HEART BEAT, HEMORRHAGE.

**Medical Cond Aggravated By Exposure:**  
MAY BE HAZARDOUS TO WOMAN IN THEIR SECOND AND THIRD TRIMESTER.

**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-IF CONSCIOUS, IMMEDIATELY GIVE 2 TO 4 GLASSES O F WATER AND IMMEDIATELY GET MEDICAL HELP. INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

**Spill Release Procedures:**  
WIPE OR ABSORB IN INERT MATERIAL 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:**  
STORE IN COOL, VENTILATED, DRY AREA OF LOW FIRE RISK. KEEP CONTAINER TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE.

**Other Precautions:**  
KEEP OUT OF REACH OF CHILDREN.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

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

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R 3

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

**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:**

**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:**  
1.002

**VOC Pounds/Gallon:**

**PH:** 2.5-4.

**VOC Grams/Liter:**

**Viscosity:**  
N/K

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

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
LIQUID, CLEAR, COLORLESS SOLUTION, ODORLESS. (PH=2.5-4.5)

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

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT.

**Materials To Avoid:**  
STRONG ALKALIS.

**Hazardous Decomposition Products:**  
OXIDES OF CARBON.

**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