

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-904/9041-08-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9041-08-1
Code:
M
RTECS:
Code:
X
Name:
HEPARIN SODIUM
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:
WITH SATISFACTORY VENTILATION , RESPIRATORY PROTECTION NOT USUALLY REQUIRED. 6
Ventilation:
GENERAL ROOM VENTILATION IS USUALLY SATISFACTORY, USE LOCAL EXHAUST VENTILATION WHEN NECESSARY.
Protective Gloves:
DISPOSABLE LATEX GLOVES RECOMMENDED
Eye Protection:
SAFETY GLASSES OR GOGGLES
Other Protective Equipment:
Equipment DISPOABLE GARMENTS IF DIRECT SKIN CONTACT IS ANTICIPATED.
Work Hygienic Practices:
AS A RULE, WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL CONTACT AND INHALATION OF DUST , FUME, MISTS AND/OR VAPORS.
Supplemental Safety and Health:
KEY2:KT

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation:
YES
Skin:
YES
Ingestion:
YES
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
THIS PRODUCT IS INTENDED FOR THEREPUTIC USE ONLY WHEN PRESCRIBED BY A PHYSICIAN. POTENTIAL ADVERSS REACTIONS FROM PRESCRIBED DOSES AND OVER DOSES ARE DESCRIBED IN THE PACKAGE INSERT. OCCUPATIONAL EXP OSURE HAS NOT BEEN FULLY INVESTIGATED.
Explanation Of Carcinogenicity:
MFR GAVE NO EXPLINATION OF THE CARCINOGENICITY RATINGS.
Signs And Symptions Of Overexposure:
THIS PRODUCT IS INTENDED FOR THEREPUTIC USE ONLY WHEN PRESCRIBED BY A PHYSICIAN. POTENTIAL ADVERSS REACTIONS FROM PRESCRIBED DOSES AND OVER DOSES ARE DESCRIBED IN THE PACKAGE INSERT. OCCUPATIONAL EXP OSURE HAS NOT BEEN FULLY INVESTIGATED. **EYE, SKIN AND RESPIRATORY IRRITATION MAY OCCUR.**
Medical Cond Aggravated By Exposure:
NO INFORMATION GIVEN ON MSDS BY MFR.
First Aid:
EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:FLUS H MOUTH OUT IMMEDIATELY. SEEK MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR. **FOR ADDITIONAL INFORMATION, SEE PRODUCT INSERT.
Spill Release Procedures:
WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. USE ABSORBENT TOWELS OR BOOMS TO CLEAN-UP SPILL. WIPE SURFACES CLEAN AND WASH WITN SOAP & WATER 5
Neutralizing Agent:
NO INFORMATION GIVEN ON MSDS BY MFR.
Waste Disposal Methods:
DISOPSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.
Handling And Storage Precautions:
AS A RULE, WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL CONTACT AND INHALATION OF DUST, FUME, MISTS AND/OR VAPORS ASSOCIATED WITH THE PRODUCT.
Other Precautions:
NONE

Fire and Explosion Hazard Information

Flash Point Method:
CC
Flash Point:
Flash Point Text:
>200F,>93C
Autoignition Temp:
Autoignition Temp Text:
N/K
Lower Limits:
NOT ESTABLD
Upper Limits:
NOT ESTABLD
Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR FOAM AS APPROPRIATE
Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.
Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
N1
NRC/State LIC No:
NONE
Net Prop WT For Ammo:
Boiling Point:
B.P. Text:
NOT ESTABLD
Melt/Freeze Pt:
M.P/F.P Text:
NOT ESTABLD
Decomp Temp:
Decomp Text:
NOT ESTABLD
Vapor Pres:
NOT ESTABD
Vapor Density:
NOT ESTABD
Volatile Org Content %:
Spec Gravity:
NOT ESTABLISHED
VOC Pounds/Gallon:
PH: N/E 7
VOC Grams/Liter:
Viscosity:
NOT ESTABLSD
Evaporation Rate & Reference:
NOT ESTABLISHED
Solubility in Water:
SOLUBLE
Appearance and Odor:
CLEAR,COLORLESS,ODORLESS SOLUTION
Percent Volatiles by Volume:
N/K
Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
NONE
Materials To Avoid:
NO INFORMATION GIVEN ON MSDS BY MFR.
Hazardous Decomposition Products:
NO INFORMATION GIVEN ON MSDS BY MFR.
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
WILL NOT OCCUR

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