

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-480/4800-94-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
4800-94-6
Code:
M

RTECS:
ON9105000
Code:
F

Name:
CARBENICILLIN, DISODIUM SALT Environmental Wt:

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:
N/P
Code:

ACGIH TLV:
N/P
Code:

Control Measures

Respiratory Protection:
AIR PURIFYING RESPIRATOR CANISTERS/CARTRIDGES: DUSTS, FUMES, AND MISTS (RED OR GRAY STRIPE ANSI COLOR CODE, NIOSH APPROVED). HEPA-TYPE DUSTS/RADIONCLIDES (MAGENTA ANSI COLOR CODED, NIOSH APPROVED).

Ventilation:
N/P

Protective Gloves:
ANY WATERPROOF MATERIAL. WEAR IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). ANY WATERPROOF MATERIAL.

Work Hygienic Practices:
BE ALERT TO EARLY INDICATIONS OF ALLERGIC REACTIONS OR HYPERSENSITIVITY. HAND WASHING IS RECOMMENDED AFTER WORKING WITH THIS PRODUCT.

Supplemental Safety and Health:
SPILL PROC: NO RESP PROT WILL BE NEEDED FOR MOST OPERATIONS. HALF-FACE AIR-PURIFYING RESP SHOULD BE EFFECTIVE IF NEEDED FOR LOW-TO-MOD EXPOS. (SEE SECTION 8 FOR REC ON PROT MATLS ON CONSTRUCTION.) SPILL CLEANUP: FOR SPILLS INVOLVING SOLID POWDERED MATL... REMOVE/SHUT OFF IGNIT SOURCES. VENTILATE AREA. SWEEP (SARA REGS)

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL,RAT): >10 G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: EYE: NOT EXPECTED TO BE SIGNIFICANTLY ABSORBED. SURFACE-CNTCT EFTS ONLY ARE EXPECTED. MAY CAUSE IRRIT/REDDENING. SKIN: NOT EXPECTED TO BE SIGNIFICANTLY ABSORBED. NOT LIKELY TO ENTER THROUGH CUT S/ABRASIONS IN HAZ AMTS. OCCUP EXPOS PRESENTS LITTLE/NO HLTH HAZ. MAY CAUSE ALLERGIC CONTACT SKIN EFTS (DERMATOSES). MAY CAUSE RASH. MAY CAUSE BLISTERING. INHAL: MAY CAUSE NASAL IRRIT. MAY CAUSE SNEEZ ING. MAY CAUSE RUNNY NOSE. MAY CAUSE ALLERGIC RESP TRACT EFTS. MAY CAUSE BRTHG DIFFICULTY,

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
HLTH HAZ: MAY CAUSE VOMITING. MAY CAUSE DIARRHEA. OTHER/SYSTEMIC EFFECTS: A CONSTITUENT(S) OF THIS PRODUCT IS KNOWN TO PRODUCE AN ELEVATED INCIDENCE OF HYPERSENSITIVITY IN HUMANS. A CONSTITUENT OF THIS PRODUCT IS KNOWN TO PRODUCE SERIOUS, SOMETIME POTENTIALLY FATAL HUMAN HYPERSENSITIVITY REACTIONS. MAY CAUSE HARMFUL CHANGES IN THE GASTROINTESTINAL MICROORGANISMS.

Medical Cond Aggravated By Exposure:
RENAL INSUFFICIENCY. NERVOUS SYSTEM PATHOLOGIES. HYPOTENSION. SODIUM-SENSITIVE CARDIAC DISEASE. ALLERGY OR HYPERSENSITIVITY TO ANTIBIOTICS. AMINOGLYCOSIDE ANTIBIOTICS (E.G. KANAMYCIN, STREPTOMYCIN).

First Aid:
EYES: FLUSH WITH WATER IN AN EYEWASH FOR AT LEAST 15 MINUTES. SKIN: FLUSH WITH PLENTY OF SOAP AND WATER. INHALATION: REMOVE PERSON TO FRESH AIR. BE ALERT TO EARLY INDICATIONS OF ALLERGIC REACTIONS OF HYPERSENSITIVITY. INGESTION: IF VOMITING OCCURS NATURALLY, WASH MOUTH OUT. NOTE TO ATTENDING PHYSICIAN: NO KNOWN SPECIFIC ANTIDOTE. TREAT SYMPTOMATICALLY. OBSERVE FOR 24 HOURS. SYSTEMIC DOSES SMALLER THAN THAT GIVEN BELOW MAY CAUSE A MINOR HEALTH HAZARD THROUGH INDIVIDUAL SENSITIVITY MAY VARY

Spill Release Procedures:
(NOTE THAT ACCIDENTAL RELEASES MAY BE SUBJECT TO SPECIAL REPORTING REQUIREMENTS & OTHER REGULATORY MANDATES. CHECK & COMPLY W/APPLIC LAWS & REGS). PERS PROT EQUIP FOR SPILL CNDTNS: SAFETY GLASSES SHOU LD BE MIN EYE PROT. GLOVES SHOULD BE USED IF CNTCT IS POSS. 3 FOLLOWING CLTHG &/EQUIP MATL(S) SHOULD GENERALLY BE PROT: ANY WATERPROOF MATL. CLTHG SHOULD BE LAUNDERED BEFORE RE-USE. (SUPDAT)

Neutralizing Agent:
N/P

Waste Disposal Methods:
WASTE NUMBER (RCRA HAZ CLASS): NOT SPECIFICALLY LISTED IN D, F, K, P/ U WASTE TABLES OF US EPA RCRA, 40 CFR PART 261. TREATMENT & DISP: HNDL AS HAZ WASTE FOR DISP. KEEP IN SEALED CNTNR BETWEEN USE & FINAL DISP. PROD IS NOT RECYCLABLE/REUSABLE. HAZ CHARACT MAY BE DESTROYED BY USUAL INCIN METHODS. MA Y BE INCIN IN TYPICAL TRASH INCIN. (OTHER INFO)

Handling And Storage Precautions:
(STORAGE OF SOME MATERIALS IS REGULATED; IT IS PURHASER'S RESPONSIBILITY TO ENSURE THAT STORAGE COMPLIES W/ALL APPLIC LAWS & REGULATIONS.) STORAGE TEMP: REFRIGERATED (4-10 C). STORAGE PRESSURE: AMBIE NT (15-35 C). STORAGE & HANDLING PROC: KEEP AWAY FROM HEAT. HYGROSCOPIC - PROTECT FROM MOISTURE.

Other Precautions:
SPECIAL STORAGE CONSIDERATIONS: DRY SOLID STABLE UNDER PROPERLY STORAGE CONDITIONS. SOLUTIONS AND SUSPENSIONS OF THIS PRODUCT MAY BE LESS STABLE THAN THE SOLID FORM KEEP AT PROPER STORAGE CONDITIONS. PROTECTIVE MEASURES: AVOID EYE CONTACT. AVOID BREATHING AIRBORNE PARTICULATES, AEROSOLS OR MISTS.

Fire and Explosion Hazard Information

Flash Point Method:
N/K

Flash Point:
>140.C, 284.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:
BELOW

Lower Limits:

Upper Limits:

Extinguishing Media:
ANY MEANS APPROPRIATE FOR SURROUNDING MATERIALS.

Fire Fighting Procedures:
USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
4 WILL DECOMPOSE BEFORE REACHING FLASHPOINT UPON HEATING. FLASHPOINT IS EXPECTED TO BE GREATER THAN 140C. COMBUSTIBLE: YES. THIS PRODUCT QUANTITY SOLD IS NOT EXPECTED TO BE A SIGNIFICANT COMBUSTION HAZ ARD.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
OTHER INFO 5

Melt/Freeze Pt:

M.P/F.P Text:
NO INFO FOUND

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
NO INFO FOUND

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
NO INFO FOUND

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/A

Evaporation Rate & Reference:
OTHER INFO

Solubility in Water:
(G/100G): HIGH

Appearance and Odor:
WHITE POWDER; NO ODOR.

Percent Volatiles by Volume:
0

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
DRY SOLID STABLE UNDER PROPER STORAGE CONDITIONS. SOLUTIONS AND SUSPENSIONS OF PRODUCT MAY BE LESS STABLE THAN SOLID FORM KEPT AT PROPER STORAGE CONDITIONS. KEEP AWAY FROM HEAT.

Materials To Avoid:
STRONG OXIDIZERS, STRONG ACIDS, ONLY STRONG ALKALI.

Hazardous Decomposition Products:
HAZARDOUS PRODUCTS OF THERMAL DECOMPOSITION: SULFUR OXIDES, OXIDES OF NITROGEN, CARBON MONOXIDE, CARBON DIOXIDE, SILICON OXIDES (SI OX).

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR. HAZARDOUS PRODUCTS OF SPONTANEOUS DEOMPOSITION: 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