

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/12111-24-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12111-24-9
Code:
M

RTECS:
MB8210000
Code:
M

Name:
CALCIUM TRISODIUM PENTETATE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IN EVENT OF LARGE SPILL, A DUST/MIST RESPIRATOR SHOULD BE USED.

Ventilation:
N/K

Protective Gloves:
3 LATEX

Eye Protection:
CHEMICAL SAFETY GOGGLES

Other Protective Equipment:
Equipment UNDER NORMAL CONDITIONS, THIS MATERIAL IS HANDLED IN CLOSED VIALS &PERSONNEL WOULDNT BE EXPOSED TO POWDER.

Work Hygienic Practices:
REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
PRODUCT IS CONTAINED IN CLOSED/SEALED VIALS. IN A CLINICAL SETTING, PRODUCT IS INTENDED TO BE MIXED W/RADIOACTIVE SODIUM PERTECHNETATE TC 99M & THEN ADMINISTERED INTRAVENOUSLY. THE FORMULATED DIAGNOSTIC PRODUCT IS USED TO PERFORM KIDNEY/BRAIN IMAGING, ASSESS RENAL PERFUSION & ESTIMATE GLOMERULAR FILTRATION RATE.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN/EYES: IRRITATION. INHALATION: MECHANICAL IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: SNEEZING, TEARING OF EYES.

Medical Cond Aggravated By Exposure:
SKIN DISORDERS 2

First Aid:
EYES: FLUSH W/PLENTY OF WATER FOR 15-20 MINS. SKIN: WASH W/SOAP & WATER FOR 15-20 MINS. INGESTION: INDUCE VOMITING IF CONSCIOUS & IF INGESTION HAS OCCURRED W/IN THE PAST THREE HOURS. NEVER INDUCE VOMITING IF UNCONSCIOUS/CONVULSING. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR AS NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
WEAR SUITABLE PROTECTIVE CLOTHING. SWEEP MATERIAL ONTO PAPER & PLACE INTO FIBER DRUM FOR DISPOSAL. SPILLED POWDER MAY BE WETTED TO MINIMIZE DUST GENERATION.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
DIAGNOSTIC AGENTS ARE INTENDED FOR USE UNDER DIRECTION OF PHYSICIAN &/OR UNDER CONDITIONS OF USE DESCRIBED ON LABEL.

Other Precautions:
WHEN STERILE, PYROGEN-FREE, SODIUM PERTECHNETATE TC 99M IN ISOTONIC SALINE IS ADDED TO VIAL, DIAGNOSTIC AGENT CHELATED TECHNETIUM TC 99M PENTETATE IS FORMED. THE RESULTING MATERIAL IS RADIOACTIVE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER

Fire Fighting Procedures:
EVACUATE PERSONNEL TO SAFE AREA. WEAR SCBA & FULL PROTECTIVE CLOTHING. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. FIGHT FROM MAXIMUM DISTANCE.

Unusual Fire/Explosion Hazard:
AS W/MOST ORGANIC SOLIDS, FIRE MAY BE POSSIBLE AT ELEVATED TEMPS. FINE DUST SUSPENDED IN AIR IN SUFFICIENT CONCENTRATIONS MAY POSE POTENTIAL EXPLOSION HAZARD.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/R

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
VIALS CONTAINING POWDER

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
IGNITION SOURCES

Materials To Avoid:
CERTAIN METALS AS A CHELATING OR COMPLEXING AGENT

Hazardous Decomposition Products:
CO, CO2, HYDROGEN CHLORIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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