

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-141/14119-08-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
14119-08-5
Code:
M

RTECS:

Code:
X

Name:
GALLIUM 66 *93-1*

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:
ACGIH TLV: N/K
Code:
1 OSHA STEL:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH-APPROVED RESPIRATOR FOR RADIOACTIVE DUSTS & MISTS(CESA).

Ventilation:
LOCAL EXHAUST/FUME HOOD-ANY LABORATORY OPERATION

Protective Gloves:
DISPOSABLE RUBBER OR PLASTIC

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment LAB COAT OVER WORK CLOTHES. NO STREET CLOTHES. USE LEAD SHIELDING. DISPOSABLE PROTECTIVE GARMENTS.

Work Hygienic Practices:
3 PRACTICE GOOD HOUSEKEEPING &PERSONAL HYGIENE. REMOVE/LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health:
CLIP A FILM BADGE, THERMOLUMINESCENT DOSIMETER &/OR DIRECT READING DOSIMETER TO OUTERMOST CLOTHING TO MEASURE PERSONAL RADIATION DOSE. ENVIRONMENTAL ANALYSIS: USE A HAND-HELD RADIATION SURVEY METER (G EIGER COUNTER) DURING & AFTER ALL OPERATIONS TO ASSESS ANY CONTAMINATION.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: NAUSEA. SKIN: ALLERGIC REACTION - RASH. *NOTE: BECAUSE FORMULATION CONTAINS TRACES OF A BIOLOGICALLY ACTIVE RADIOISOE, IT'S POSSIBLE THAT IT'S DACAY PROCESS COULD INITIATE CHANGES ASSOC IATED W/IONIZNG RADIATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
N/K

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYE: IRRIGATE SURFACES W/WATER THOROUGHLY. SKIN: REMOVE SOILED CLOTHING IMMEDIATELY & RINSE AREAS OF CONTACT THOROUGHLY. INHALATION: MOVE TO FRESH AIR, BEFORE & AFTER USING - USE HAND-HELD GEIGER COUN TER TO ASCERTAIN CONTAMINATION LEVELS &DOES RATES OF SKIN. REPEAT RINSINGS UNTIL COUNTER REGISTERS NON-DETECTABLE LEVELS. CONTACT HEALTH PHYSICIST & OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
VACATE AREA/NOTIFY RADIATION SAFETY OFFICER. AUTHORIZED PERSONNEL CLEAN AREA. KEEP SPILL FROM WATERWAYS. DON'T ENTER AREA UNTIL CONFIRMED DECONTAMINATION. PLACE WASTE IN "RADIOACTIVE" LABELED YELLOW S TEEL CANS. SOLIDIFY LIQUID WASTE. SEAL CONTAINERS.

Neutralizing Agent:
N/K 2

Waste Disposal Methods:
DISPOSE OF EMPTY VIALS/SYRINGES/CLEANING MATERIALS/DISPOSAL PROTECTIVE GARMENTS IN "RADIOACTIVE" LABELED CONTAINERS. ESTIMATE QUANTITY OF RADIOACTIVITY. TRANSFER TO COMPANY LICENSED FOR LOW-LEVEL RADI OACTIVE WASTE DISPOSAL. NA9181.

Handling And Storage Precautions:
DON'T INHALE DUST OR MIST/DON'T PIPETTE SOLUTIONS BY MOUTH. RINSE GLASSWARE BEFORE WASHING/CONTAIN RINSES IN LABELED POLYETHYLENE WASTE JUG FOR WASTE.

Other Precautions:
DON'T EAT/DRINK/SMOKE/OR STORE FOOD IN A NEOSCAN-CONTAINING AREA. SECURE STORED RADIOISOES FROM UNAUTHORIZED USE. ENCLOSE VIALS IN LEAD SHIELDING. PLACE PLASTIC-BACKED ABSORBENT SHHETS ON LAB BENCH ES TO ABSORB RADIOACTIVE SOLUTIONS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NON-FLAMABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER SPRAY, CO2, DRY CHEMICAL, OR FOAM AS APPROPRIATE FOR SURROUNDING MATERIALS.

Fire Fighting Procedures:
EVACUATE PERSONNEL TO AN AREA OF UPWIND DIRECTON & REMOVE UNNEEDED MATERIALS, KEEP FIRE-EXPOSED CONTAINERS COOL W/WATER SPRAY, & PROVIDE FIRE FIGHTERS W/SCBA.

Unusual Fire/Explosion Hazard:
N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

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:
N/K

Vapor Pres:
N/K

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:
N/K

Appearance and Odor:
CLEAR,COLORLESS PARTICLE-FREE SOLUTION

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
N/K

Hazardous Decomposition Products:
N/K

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



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