

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-138/13823-29-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

13823-29-5

Code:

M

RTECS:

XO6825000

Code:

M

Name:

THORIUM NITRATE MADE FROM THORIUM 232.

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NOT APPLICABLE

Ventilation:

NOT APPLICABLE

Protective Gloves:

AS REQUIRED.

Eye Protection:

AS REQUIRED.

Other Protective Equipment:

Equipment NOT APPLICABLE

Work Hygienic Practices:

NOT APPLICABLE

Supplemental Safety and Health:

MANUFACTURER STATES NOT HAZARDOUS. NO MSDS REQUIRED.

Health Hazards Data

LD50/LC50 Mixture:

UNKNOWN

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

MANUFACTURER STATES RADIOACTIVE MATERIAL IS IN A MINUTE AMOUNT AND IS THUS CONSIDERED NOT HAZARDOUS.

Explanation Of Carcinogenicity:

N/R

Signs And Symptoms Of Overexposure:

2 NOT APPLICABLE

Medical Cond Aggravated By Exposure:

NOT APPLICABLE

First Aid:

NOT APPLICABLE

Spill Release Procedures:

NOT APPLICABLE

Neutralizing Agent:

NOT APPLICABLE

Waste Disposal Methods:

CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

NOT APPLICABLE

Other Precautions:

NOT APPLICABLE

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/P

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE. 3

Fire Fighting Procedures:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:

UNKNOWN

Physical/Chemical Properties

HCC:

A2

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

4

Boiling Point:

N/P

N/P Text:

N/R

Melt/Freeze Pt:

N/A

Decomp Temp:

N/A

Decomp Text:

N/R

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/R

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/R

PH:

N/R

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

N/R

Appearance and Odor:

NOT APPLICABLE

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/R

Conditions To Avoid Polymerization:

N/R

N/P Text:

N/R

Stability Indicator:

YES

Stability Condition To Avoid:

NONE. MINUTE AMOUNT OF RADIOACTIVE MATERIAL.

Materials To Avoid:

NONE

Hazardous Decomposition Products:

NOT APPLICABLE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

N/P Text:

N/R

Decomp Temp:

N/A

Decomp Text:

N/R

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/R

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/R

PH:

N/R

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

N/R

Appearance and Odor:

NOT APPLICABLE

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/R

Conditions To Avoid Polymerization:

N/R

N/P Text:

N/R

Stability Indicator:

YES

Stability Condition To Avoid:

NONE. MINUTE AMOUNT OF RADIOACTIVE MATERIAL.

Materials To Avoid:

NONE