

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-100/10025-70-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

10025-70-4

Code:

M

RTECS:

WK8575000

Code:

M

Name:

STRONTIUM CHLORIDE, HEXAHYDRATE

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:

USE DUST RESPIRATOR. FOR EMERGENCIES, SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:

MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:

NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:

SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:

Equipment 4 EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRONS AS REQUIRED.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL RAT) IS 2250 MG/KG (ANHYD.)

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

2 ACUTE-INHALATION: MILD IRRITANT. SKIN: MILD IRRITANT ON MOIST SKIN DUE TO ITS SLIGHTLY ACIDIC NATURE. EYE: MILD IRRITANT, MAY HAVE AN ABRASIVE ACTION. INGESTION: LARGE ORAL DOSES MAY PRODUCE GASTROINTESTINAL DISTURBANCES. CHRONIC-NO ADVERSE HEALTH EFFECT

Explanation Of Carcinogenicity:

NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:

EYE: MODERATE REDNESS, PAIN. SKIN: MILD IRRITANT, INHALATION: COUGHING OR SNEEZING. INGESTION: GASTROINTESTINAL DISTURBANCES.

Medical Cond Aggravated By Exposure:

PERSONS WITH IMPAIRED KIDNEY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid:

INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: GIVE SEVERAL GLASSES OF WATER. IF LARGE AMOUNTS WERE SWALLOWED, GET IMMEDIATE MEDICAL ATTENTION.

Spill Release Procedures:

COLLECT BY SCOOPING, MOPPING OR WET VACUUMING AS APPROPRIATE. ENSURE COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATION.

Neutralizing Agent:

NOT APPLICABLE.

Waste Disposal Methods:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:

DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER 3 HANDLING. FOR INDUSTRIAL USE ONLY.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NOT FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL TO EXTINGUISH SURROUNDING FIRE.

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:

FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

1594F, 868C

Decomp Temp:

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

Spec Gravity:

1.96

VOC Pounds/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

125 G / 100 ML

Appearance and Odor:

TRANSPARENT, COLORLESS CRYSTALS.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

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Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE

Materials To Avoid:

UNKNOWN

Hazardous Decomposition Products:

OXIDES OF THE METAL AND HALOGEN, POSSIBLY ALSO FREE, OR IONIC HALOGEN.

Stability Of Reactions:

NO

Conditions To Avoid Polymerization:

NOT APPLICABLE

Toxicological Information

Information:

N