

# 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

**ACGIHSTEL:**  
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 APRON 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

**LD50LC50Mixture:**  
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 Symptions 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:**

**M.P/F.P Text:**  
1594F,868C

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
UNKNOWN

**Vapor Density:**  
UNKNOWN

**Volatile Org Content %:**

**Spec Gravity:**  
1.96

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**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

## Reactivity Data

**Stability Indicator:**  
YES 5

**Stability Condition To Avoid:**  
NONE

**Materials To Avoid:**  
UNKNOWN

**Hazardous Decomposition Products:**  
OXIDES OF THE METAL AND HALOGEN, POSSIBLY ALSO FREE, OR IONIC HALOGEN.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## 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