

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-176/1762-95-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1762-95-4
Code:
M

RTECS:
XK7875000
Code:
M

Name:
AMMONIUM THIOCYANATE (SARA III)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:
USE GENERAL DILUTION VENTILATION.MFR RECOMMENDS 10 AIR CHANGES/HOUR.

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:
WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS 750MG/KG INGRED #2

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES:MAY CAUSE IRRITATION.SKIN:MAY BE DERMALLY ABSORBED IN HARMFUL AMOUNTS.MAY CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:CONTACT OF THIS PRODUCT WITH A STRONG OXIDIZER CAUSE RELEASE OF HCN GAS.MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:MAY CAUSE THYROID ENLARGEMENT AND DECREASED METABOLIC RATE.

Explanation Of Carcinogenicity:
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptions Of Overexposure:
INHAL(OF HCN GAS):DIZZINESS,HEADACHE,RAPID RESPIRATION,RAPID PULSE,UNCONSCIOUSNESS,CONVULSION,DEATH.CHRONIC:HYPOTHYROIDISM.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING THYROID AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE TO THIOCYANATES.

First Aid:
SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATT ENTION.IF CONSCIOUS,INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL.

Spill Release Procedures:
SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.FLUSH SMALL SPILLS TO SEWER WITH PLENTY OF WATER.

Neutralizing Agent:
SODIUM BICARBONATE,LIME.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
USE WITH ADEQUATE VENTILATION.KEEP CONTAINERS CLOSED.KEEP AWAY FROM OXIDIZERS,ACIDS AND BASES.

Other Precautions:
FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/K 3

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER FOG,DRY CHEMICAL,CARBON DIOXIDE,ALCOHOL FOAM.

Fire Fighting Procedures:
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:
FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.CONTACT WITH BASE LIBERATES FLAMMABLE MATERIAL.

Physical/Chemical Properties

HCC:
C3

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,100C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
18

Vapor Density:
0.6

Volatile Org Content %:

Spec Gravity:
1.1

VOC Pounds/Gallon:

PH: 3.1

VOC Grams/Liter:

Viscosity:
N/K 4

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
LIQUID;PINK;VINEGAR TYPE ODOR

Percent Volatiles by Volume:
73

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
STRONG OXIDIZING AGENTS,BASES.CONTACT WITH STRONG ACIDS PRODUCES POISONOUS HCN GAS.

Hazardous Decomposition Products:
CARBON DIOXIDE,CARBON MONOXIDE,OXIDES OF NITROGEN AND SULFUR,CYANIDES(HCN),CARBONYL SULFIDE,CHLORAMINE,AMMONIA.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/R

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