

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-122/1226-46-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1226-46-6
Code:
M
RTECS:

Code:
X
Name:
MICHLERS THIOKETONE
Other REC Limits:
NOT KNOWN
OSHA PEL:
NOT KNOWN
Code:
M
OSHA STEL:

Code:

ACGIH TLV:
NOT KNOWN
Code:
M
ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WEAR APPROPRIATE OSHA/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR.
Ventilation:
ADEQUATE VENTILATION TO MAINTAIN VAPOR/DUST BELOW TLV.
Protective Gloves:
IMPERVIOUS
Eye Protection:
CHEMICAL SAFETY GOGGLES.
Other Protective Equipment:
Equipment APRON OR CLOTHING TO PROTECT SKIN.MAKE EYE BATH AND EMERGENCY SHOWER AVAILABLE.
Work Hygienic Practices:
WASH WELL AFTER USE.DO NOT ALLOW SMOKING AND FOOD CONSUMPTION WHILE HANDLING.WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health:
KEY1:N1. CONTRACT #:DAAA09-90-C-1064.ENTRY RTE:EYES. EXPLAN OF CARC:PARTICLES OF RESP SIZE:KNOWN TO CAUSE CANCER (CAL PROP 65, 1988),SUSPECTED HUMAN CARCINOGEN/KNOWN ANIMAL CARCINOGEN (NTP,1991). TITA NIUM DIOXIDE:INADEQUATE EVIDENCE FOR CARCINOGENICITY IN HUMANS,LIMITED EVIDENCE FOR CARCINOGENICITY IN ANIMALS (IARC)

Health Hazards Data

LD50LC50Mixture:
LD50 RAT ORAL 630 MG/KG FOR ZINC OXIDE.
Route Of Entry Inds - Inhalation:
YES
Skin:
YES
Ingestion:
YES
Carcinogenicity Inds - NTP:
YES
IARC:
YES
OSHA:
NO
Health Hazards Acute And Chronic:
NOT EXPECTED TO BE AN INHALATION HAZARD BECAUSE OF PELLET FORM.POWDERED MATERIAL MAY CAUSE SILICOSIS,FIBROSIS,AND LUNG DAMAGE.
Explanation Of Carcinogenicity:
QUARTZ:LIMITED EVID FOR CARC IN HUM,SUFF EVID FOR CARC IN ANIM (IARC,1987).QUARTZ (CRYSTALLINE SILICA,AIRBORNE (SEE SUP)
Signs And Symptions Of Overexposure:
EYES:IRRITATION. SKIN:IRRITATION. INGESTION: GASTROINTESTINAL IRRITATION. INHALATION:NOT EXPECTED TO BE A HEALTH HAZARD IN PELLET FORM.POWDERED MATERIAL MAY CAUSE IRRITATION OF RESPIRATORY TRACT, HEAD ACHE,NAUSEA,VOMITTING,ACUTE PNEUMONITIS.LARGE AMOUNTS MAY 5 CAUSE LUNG IRRITATION.
Medical Cond Aggravated By Exposure:
MAY INCREASE THE PROGRESSION OF TUBERCULOSIS.
First Aid:
EYES:FLUSH WITH LOTS OF WATER FOR AT LEAST 15 MINUTES.CALL PHYSICIAN. SKIN:REMOVE CONTAMINATED CLOTHING.WASH SKIN WITH LOTS OF WATER FOR AT LEAST 15 MINUTES.CALL PHYSICIAN. INGESTION:CALL PHYSICIAN. I NHALATION:REMOVE PATIENT TO FRESH AIR.CALL PHYSICIAN.
Spill Release Procedures:
EVACUATE.WEAR RESPIRATOR,CHEMICAL SAFETY GOGGLES,RUBBER BOOTS,AND HEAVY RUBBER GLOVES.SWEEP UP AND PLACE IN CONTAINER FOR DISPOSAL.AVOID RAISING DUST.VENTILATE AREA AND WASH SITE AFTER MATERIAL PICK U P IS COMPLETE.
Neutralizing Agent:
NOT KNOWN
Waste Disposal Methods:
DISPOSAL MUST BE JAW FEDERAL,STATE,& LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION/MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL (FP A).
Handling And Storage Precautions:
STORE IN COOL,DRY,WELL VENTILATED AREA,AWAY FROM ACIDS,ALKALIES,AND OXIDIZING MATERIALS.KEEP TIGHTLY CLOSED.AVOID RAISING DUST.
Other Precautions:
USE GOOD STORAGE & HANDLING PRACTICES.DO NOT GET IN EYES,ON SKIN OR CLOTHING.DO NOT BREATHE DUST.AVOID ALL CONTACT WITH PRODUCT.USE ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:
N/P
Flash Point:

Flash Point Text:
NOT KNOWN
Autoignition Temp:

Autoignition Temp Text:
N/A
Lower Limits:
NOT KNOWN
Upper Limits:
NOT KNOWN 6
Extinguishing Media:
DRY CHEMICAL POWDER.
Fire Fighting Procedures:
SCBA WITH FULL FACEPIECE OPERATED IN PRESSURE DEMAND/OTHER POSITIVE PRESSURE MODE.WEAR PERSONAL PROTECTION TO PREVENT CONTACT WITH MATERIAL/COMBUSTION PRODUCTS.
Unusual Fire/Explosion Hazard:
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Physical/Chemical Properties

HCC:
F1
NRC/State LIC No:
N/R
Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT KNOWN
Melt/Freeze Pt:

M.P/F.P Text:
NOT KNOWN
Decomp Temp:

Decomp Text:
NOT KNOWN
Vapor Pres:
NOT KNOWN
Vapor Density:
NOT KNOWN
Volatile Org Content %:

Spec Gravity:
NOT KNOWN
VOC Pounds/Gallon:

PH: N/K
VOC Grams/Liter:

Viscosity:
N/P
Evaporation Rate & Reference:
NOT KNOWN
Solubility in Water:
NOT KNOWN
Appearance and Odor:
SOLID PELLET
Percent Volatiles by Volume:
N/K
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
NOT KNOWN
Materials To Avoid:
STRONG OXIDIZING AGENTS,ACIDS,BASES,HYDROFLUORIC ACID, FLUORINE COMPOUNDS.
Hazardous Decomposition Products:
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
WILL NOT OCCUR. 8
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