

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-211/2116-65-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2116-65-6

Code:
M

RTECS:
US2625000

Code:
M

Name:
4-BENZYLPIRIDINE.LD50 WILD BIRD ORAL 18 MG/KG.

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:
IF MORE THAN TLV, WEAR APPROPRIATE OSHA/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR. 4

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:F4. CONTRACT #:DAAA09-90-C-1064.ROUTES OF ENTRY: EYES.HEALTH HAZARDS (ACUTE AND CHRONC):2000 PPM IS IMMEDIATELY DANGEROUS TO LIFE AND HEALTH.

Health Hazards Data

LD50LC50Mixture:
SEE INGREDIENT # 1 AND 2.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
PROLONGED REPEATED CONTACT MAY RESULT IN DERMATITIS.INGESTION/PROLONGED SKIN ABSORPTION CAN RESULT IN KIDNEY DAMAGE, DEATH.RPTD OVEREXPOS MAY CAUSE INJURY TO BONE MARROW,BLOOD CELLS,KIDNEY, LIVER & TE STES.2-METHOXYETHANOL IS KNOWN TO CAUSEREPROD DISORDERS (FEMALE, MALE AND/OR DEVELOPMENTAL) (CAL PROP 65,1989).(SEE SUP

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES:IRRIT.POSS CORNEAL INJURY. SKIN:IRRIT. SKIN ABSORPTION/INGEST:TOXIC.HDCH,NAUSEA,VOMIT,DIZZ,FATIGUE,TREMOR, DYSARTHRIA,MENTAL CONFUSION,INCOORDINATION,PROSTRATION.INHAL:POSS RESP TRACT INFLAMMATIO N.HEADACHE,NAUSEA,VOMIT,DIZZ,DROWSINESS,LOSS OF COORD/ APPETITE,TREMORS,PULM EDEMA,CHEMICAL PNEUMIT.CNS DEPRESS.

Medical Cond Aggravated By Exposure:
NOT KNOWN

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. INGEST:GIVE LOTS OF WATER T O DILUTE.INDUCE VOMITING.CALL PHYSICIAN. INHALATION:REMOVE TO FRESH AIR.ADMINISTER APPROVED OXYGEN IF BREATHING IS DIFFICULT.ADMIISTER ARTIFICIAL RESP OR CPR IF BREATHING HAS CEASED.CALL PHYSICIAN.

Spill Release Procedures:
SHUT OFF ALL IGNITION SOURCES.EVACUATE.WEAR SCBA,RUBBER BOOTS, HEAVY RUBBER GLOVES.DILUTE WITH LARGE VOLUME OF WATER. ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINER FOR DISPOSAL. VENT AREA & WASH SPILL SITE AFTER MATERIAL PICK UP COMPLETE

Neutralizing Agent:
NOT KNOWN 3

Waste Disposal Methods:
DISPOSAL MUST BE IAW FEDERAL,STATE,& LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION/MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL (FP A).BURN IN CHEMICAL INCINERATOR EQUIPPED W/ AFTER BURNER & SCRUBBER.AVOID RUNOFF.DO NOT WASH DOWN DRAIN.

Handling And Storage Precautions:
STORE IN COOL,DRY,WELL VENT AREA,AWAY FROM HEAT,SPARKS,FLAME,INCOMPATIBLE MATLS,DIRECT SUN.KEEP CLOSED TIGHT.DO NOT ADD ANY OTHER MATL TO CONTAINER.

Other Precautions:
USE GOOD STORAGE AND HANDLING PRACTICES.DO NOT GET IN EYES,ON SKIN,OR ON CLOTHING.DO NOT BREATHE VAPORS.AVOID ALL CONTACT.USE ADEQUATE VENTILATION.EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUE.GROUND CONTAINER WHILE DISPENSING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
104F,40C (ING 1)

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.8 (ING 1)

Upper Limits:
19.8 (ING 1)

Extinguishing Media:
WATER SPRAY,CARBON DIOXIDE,ALCOHOL OR POLYMER FOAM, DRY CHEMICAL POWDER.

Fire Fighting Procedures:
SCBA W/ FULL FACEPIECE OPERATED IN PRESS DEMAND/OTHER POSITIVE PRESS MODE.WEAR PERSONAL PROT TO PREVENT CONTACT W/ MATL/COMBUST PROD.COOL CONTRS W/ WATER SPRAY.

Unusual Fire/Explosion Hazard:
FLASHBACK ALONG VAPOR TRAIL MAY OCCUR.ELIM ALL IGNIT SOURCES.VAP FORMS EXPLOSIVE MIXTURE W/ AIR BETWEEN EXPLOSIVE LIMITS.CONTR EXPLOSION MAY OCCUR IN FIRE.

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 5

Evaporation Rate & Reference:
NOT KNOWN

Solubility in Water:
>80%

Appearance and Odor:
LIQUID

Percent Volatiles by Volume:
>80

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT KNOWN

Materials To Avoid:
STRONG OXIDIZING AGENTS,STRONG ACIDS,STRONG BASES,ACID CHLORIDES AND ANHYDRIDES.

Hazardous Decomposition Products:
OXIDES OF CARBON.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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