

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-104/104-74-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
104-74-5
Code:
M

RTECS:
UU4017070
Code:
M

Name:
LAURYL PYRIDINIUM CHLORIDE

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 EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NOISH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPENDING ON THE AIRBORN CONCENTRA TION.

Ventilation:
LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:
4 NITRILE,NEOPRENE,NATURAL RUBBER.

Eye Protection:
CHEMICAL GOGGLES.

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)=5840 MG/KG ISOPROPANOL

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES:MAY CAUSE MODERATE IRRITATION.SKIN:MAY CAUSE MILD IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION,CNS DEPRESSION,LOW BLOOD PRESSURE(RAPID HEART BEAT) AND LIVER DAMAGE.INHAL:MAY CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION.

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:
INGEST:VOMITING(POSSIBLY WITH BLOOD).CNS DEPRESSION:GIDDINESS,HEADACHE,DIZZINESS,NAUSEA,POSSIBLE UNCONSCIOUSNESS OR DEATH.LIVER DAMAGE:LOSS OF APPETITE,YELLOWING OF SKIN,ABDOMINAL PAIN ON THE UPPER RIG HT SIDE.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING EYE,SKIN,RESPIRATORY AILMENTS OR IMPAIRED LIVER FUNCTION MAY BE AT INCREASED RISK FROM EXPOSURE.

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,GIVE 2 GLASSES OF WATER AND INDUCE VOMITING WITH 2 TABLESPOONS OF IPECAC SYRUP OR BY STICKING FINGER DOWN THROAT;KEEP HEAD BELOW HIPS WHILE VOMITING.

Spill Release Procedures:
ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.DO NOT DISCHARGE TO SEWER.FLOORS MAY BE SLIPPERY

Neutralizing Agent:
NONE

Waste Disposal Methods:
3 DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.MFR STATES THAT THIS IS HAZARDOUS WASTE.

Handling And Storage Precautions:
STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
117F,47C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
2

Upper Limits:
13

Extinguishing Media:
USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:
MANUFACTURER STATES NONE.

Physical/Chemical Properties

HCC:
F4

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
208F,98C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.987

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
4.1 (N-BUTYL ACETATE=1)

Solubility in Water:
COMPLETE 5

Appearance and Odor:
LIQUID,TRANSLUCENT;LIGHT TAN;SLIGHT ALCOHOLIC ODOR

Percent Volatiles by Volume:
8

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE.LIQUID WILL NOT SUPPORT COMBUSTION.

Materials To Avoid:
CONTAMINATION WITH ANHYDRIDES,ISOCYANATE MONOMERS,ORGANOMETALLICS,STRONG OXIDIZERS.

Hazardous Decomposition Products:
CARBON DIOXIDE,CARBON MONOXIDE,AMMONIA,HCL.

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