

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

ACGIH STEL:

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 CONCENTRATION.

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

LD50/LC50 Mixture:

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 Symptoms 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 RIGHT 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 ATTENTION. IF CONSCIOUS, GIVE 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

Appearance and Odor:

LIQUID, TRANSLUCENT; LIGHT TAN; SLIGHT ALCOHOLIC ODOR

Percent Volatiles by Volume:

8

Corrosion Rate:

UNKNOWN

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:

N/P