

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/121-21-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
121-21-1
Code:
M

RTECS:
GZ1725000
Code:
M

Name:
PYRETHRINS (CERCLA) (MFR GAVE NO CAS NUMBER FOR "

Other REC Limits:
5 MG/M3 ON MSDS

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE NEEDED.

Ventilation:
MECHANICAL (GENERAL) VENTILATION IF AVAILABLE. LOCAL EXHAUST: YES.

Protective Gloves:
RUBBER, NEOPRENE PREFERRED

Eye Protection:
CHEMICAL SPLASH RESISTANT GOGGLES

Other Protective Equipment:
Equipment WORK CLOTHING

Work Hygienic Practices:
AVOID CONTACT W/SKIN, EYES CLOTHING. WASH THOROUGHLY AFTER HANDLING. REPLACE CONTAMINATED CLOTHING IMMEDIATELY.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NONE KNOWN

Explanation Of Carcinogenicity:
NONE CARCINOGENIC

Signs And Symptions Of Overexposure:
IN CASE OF INGESTION OF MASSIVE AMOUNT (OVER 8 OZ) NERVOUS SYMPTOMS SUCH AS TREMORS. MAY CAUSE RESPIRATORY & EYE IRRITATION.

Medical Cond Aggravated By Exposure:
NONE KNOWN.

First Aid:
3 REMOVE VICTIM TO FRESH AIR, REMOVE SPILLAGE FROM SKIN & EYES W/PLENTY OF WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN. IN CASE OF INGESTION OF MASSIVE AMOUNTS. CALL PHYSICIAN & TREAT THE SAME AS IN GESTION OF OIL. DO NOT INDUCE VOMITING.

Spill Release Procedures:
SOAK UP ON ABSORBENT MATERIAL. DISCARD AS SOLID WASTE II/A/W FEDERAL, STATE & LOCAL REGULATIONS. WASH CONTAMINATED AREA W/DETERGENT & WATER.

Neutralizing Agent:
MFR GAVE NO INFORMATION ON MSDS.

Waste Disposal Methods:
CONSULT CURRENT STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
DO NOT STORE NEAR HEAT OR OPEN FLAME. DO NOT STORE NEAR FOOD OR FEED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:
DO OT REUSE DURM. DISPOSE OF DRUM AS DIRECTED ON LABEL.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
145F,63C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:
TREAT AS AN OIL FIRE

Unusual Fire/Explosion Hazard:
4 NONE

Physical/Chemical Properties

HCC:
T5

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
350F,177C

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN 5

Vapor Pres:
<0.13 MM

Vapor Density:
>6.3

Volatile Org Content %:

Spec Gravity:
0.795

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
LIGHT AMBER LIQUID, TYPICAL PYRETHRIN ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
MFR GAVE NO INFORMATION ON MSDS.

Materials To Avoid:
ACIDS, ALKALIES, STRONG OXIDISING AGENTS

Hazardous Decomposition Products:
NONE KNOWN

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