

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/121-29-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
121-29-9
Code:
M

RTECS:
GZ0700000
Code:
M

Name:
PYRETHRINS (CERCLA)

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE A RESPIRATOR DVICE AS RECOMMENDED BY NIOSH/MSHA FOR PROTECTION AGAINST ORGANIC VAPOR AND PESTICIDE.

Ventilation:
LOCAL EXHAUST . VENTILATE AREA BEFORE REENTERING. DO NOT REMAIN IN ENCLOSED AREA WITHOUT APPROPRIATE RESPIRATORY PROTECTIO

Protective Gloves:
ANY IMPERVIOUS MATERIAL. 5

Eye Protection:
CHEMICAL WORKERS SPLASH PROOF GOGGLES.

Other Protective Equipment:
Equipment RUBBER BOOTS, FULL LEGGED PANTS, LONG SLEEVE SHIRT.

Work Hygienic Practices:
LAUNDER CONTAMINATED EQUIPMENT OR CLOTHING BEFORE RESUE.

Supplemental Safety and Health:
SHIPPING DESCRIPTION ON PACKAGING <5 GL: LIQUID INSECTCIDE (NOT RESTRICTED).

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
PROLONGED AND REPEATED EXPOSIRE TO SKIN MAY CAUSE IRRITATION. PRODUCT SPRAY MIST, FOG OR VAPOR MAY CAUSE IRRITATION TO NOSE, THROAT AND LUNGS IF ADEQUATE VENTILATION IS NOT EMPLOYED. DIRECT CONTACT WI TH EYES CAN CAUSE IRRITATION.

Explanation Of Carcinogenicity:
NOT CARCINOGENIC.

Signs And Symptions Of Overexposure:
IF TAKEN INTERNALLY, ASPIRATION OF LIQUID PRODUCT CAN CAUSE CHEMICAL PNEUMONITIS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
IF PRODUCT GETS ON SKIN, REMOVE WITH SOAP AND WATER. IF DIFFICULTY OR DISCOMFORT IN BREATHING IS EXPERIENCED, REMOVE TO FRESH AIR AND GET MEDICAL ATTENTION. FLUSH EYES WITH WATER FOR 15 MIN. IF IRRITA TION PERSISTS, SEEK MEDICAL AID. IF PRODUCT IS SWALLOWED, SEEK MEDICAL ATTENTION.

Spill Release Procedures:
ELIMINATE IGNITION SOURCES. DO NOT LET SPILLED OR LEAKING MATERIAL ENTER WATERCOURSES. MAY BE TOXIC TO AQUATIC LIFE. ABSORB SPILL WITH OIL-DRY OR SIMILIAR MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE . WEAR/USE APPROPRIATE PROTECTIVE EQUIPMENT.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
OBSERVE ALL APPLICABLE FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES REGARDING DISPOSAL OF PESTICIDE WASTE. 4

Handling And Storage Precautions:
STORE IN COOL DRY PLACE WUTH ADEQUATE VENTILATION. PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS.

Other Precautions:
ALLPRECAUTIONS FOR HANDLING THIS PRODUCT MUST BE USED IN HANDLING EMPTY CONTAINERS AND RESIDUE. KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
175F,79C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. DIKE FIRE CONTROL WATER FOR LATER DISPOSAL.

Unusual Fire/Explosion Hazard:
LIQUID RUN OFF TO SEWER MAY CREATE FIRE/EXPLOSION HAZARD.

Physical/Chemical Properties

HCC:
T5

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>200F,>93C

Melt/Freeze Pt:

M.P/F.P Text:
NOT GIVEN

Decomp Temp:

Decomp Text:
NOT GIVEN

Vapor Pres:
10 @ 68F

Vapor Density:
NOT GIVEN

Volatile Org Content %:

Spec Gravity:
0.83

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
NOT GIVEN

Solubility in Water:
NEGILIGIBLE

Appearance and Odor:
CLEAR YELLOW LIQUID, MILD SOLVENT ODOR.

Percent Volatiles by Volume:
81

Corrosion Rate:
UNKNOWN 6

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE KNOWN.

Materials To Avoid:
NONE KNOWN.

Hazardous Decomposition Products:
WHEN EXPOSED TO FIRE, PRODUCES NORMAL PRODUCTS OF COMBUSTION.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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