

KELTHANE(R) EC MITICIDE

MSDS Number

BBBTD

National Stock Number

6840-00B180007

Product Name

KELTHANE(R) EC MITICIDE

Manufacturer

ROHM AND HAAS COMPANY

Product Identification

Product ID:KELTHANE(R) EC MITICIDE

MSDS Date:07/01/1985

FSC:6840

NIIN:00B180007

MSDS Number: BBBTD

Responsible Party

ROHM AND HAAS COMPANY

INDEPENDENCE MALL WEST

PHILADELPHIA 19105

US

Emergency Phone: 215592-3000;800424-9300

Cage: 77902

Contractor

ROHM AND HAAS CO

PHILADELPHIA, PA 19106-2399

US

215-592-2521/215-592-3000

Cage: 77902

Ingredients

DICOFOL (SARA III)

CAS: 115-32-2

RTECS: DC8400000

Fraction By Weight: 18.5%

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 73%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

RELATED REACTION PRODUCTS AND EMULSIFIER

Fraction By Weight: 8.5%

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards Acute and Chronic: VAPOR CAN IRRITATE THE NOSE AND THROAT. SEVERLY IRRITATING TO SKIN. SEVERLY IRRITATING TO EYES; POSSIBLE PERMANENT INJURY.
Effects of Overexposure: MAY CAUSE KIDNEY AND LIVER DAMAGE W/ PROLONGED EXPOSURE TO XYLENE. OVEREXPOSURE TO CHLORINATED HYDROCARBONS CAN CAUSE HEADACHE, NERVOUSNESS, NAUSEA, AND WEAKNESS, PROGRESSING TO TREMOR AND CONVULSIONS. REPEATED EXPOSURE MAY CAUSE LIVER DAMAGE.

First Aid

First Aid: INHALATION: MOVE SUBJECT TO FRESH AIR. SKIN & EYE: FLUSH EYES W/ LARGE AMTS. OF WATER FOR AT LEAST 15 MIN. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. WASH AFFECTED SKIN AREAS W/ SOAP AND WATER. INGESTION: IF SWALLOWED DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Fire Fighting

Flash Point Method: CC
Flash Point: 28C/82F
Lower Limits: 1.2
Upper Limits: 7
Extinguishing Media: ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER SPRAY
Fire Fighting Procedures: WEAR RESPIRATOR (PRESSURE-DEMAND, SELF-CONTAINED BREATHING APPARATUS, MSHA/NIOSH APPROVED OR EQUIVALENT) & FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL EXPOSED CONT.
Unusual Fire/Explosion Hazard: HYDROGEN CHLORIDE, CHLORINE GAS WILL BE GIVEN OFF WHEN MATERIAL IS EXPOSED TO FIRE. PESTICIDE PARTICULATES MAY BECOME AIRBORNE; AVOID EXPOSURE TO SMOKE.

Accidental Release

Spill Release Procedures: ELIMINATE IGNITION SOURCES. VENTILATE AREA. AVOID BREATHING VAPORS. USE MSHA/NIOSH (SCBA) OR AIR MASK FOR LARGE SPILLS IN CONFINED AREAS. DIKE SPILL W/ INERT MATERIAL (SAND, EARTH, ETC.) TRANSFER LIQ. OR SOLID DRAINING MATERIAL TO SEPARATE CONTAINERS FOR RECOVERY.

Handling

Handling and Storage Precautions: INDOOR STORAGE OF FLAMMABLE MATERIAL SHOULD BE LIMITED TO APPROVED AREAS W/ APPROPRIATE AUTOMATIC SYSTEMS.
Other Precautions: GROUND ALL CONTAINERS WHEN TRANSFERRING. DO NOT STORE IN MILD STEEL DRUMS. DO NOT STORE NEAR FOOD OR FEED.

Exposure Controls

Respiratory Protection: WEAR SUITABLE MSHA/NIOSH APPROVED RESPIRATOR WHERE EXPOSURE LIMITS ARE EXCEEDED.
Ventilation: EXPLOSION-PROOF MECHANICAL VENTILATION TO KEEP VAPORS BELOW THE TLV AND LEL.
Protective Gloves: IMPERVIOUS GLOVES
Eye Protection: CHEMICAL SPLASH GOGGLES
Supplemental Safety and Health

Chemical Properties

Boiling Pt: B.P. Text: 139C/282F
Melt/Freeze Pt: M.P/F.P Text: -12C/10F
Vapor Pres: 5@20C/68F
Vapor Density: >1

Spec Gravity:0.97
Evaporation Rate & Reference:Solubility in Water:EMULSIFIABLE
Appearance and Odor:BROWN LIQUID;AROMATIC ODOR;SLIGHTLY ACIDIC.
Percent Volatiles by Volume:74

Stability

Stability Indicator/Materials to Avoid:YES
IRON OR MILD STEEL WILL CATALYZE PRODUCT DETERIORATION.
Stability Condition to Avoid:TEMPS ABOVE 100C/212F TO PREVENT THERMAL
DEGRADATION.
Hazardous Decomposition Products:HYDROGEN CHLORIDE & CHLORINE GAS.

Disposal

Waste Disposal Methods:FOR DISCARD,THIS IS A HAZARDOUS WASTE.INCINERATE
LIQUID IN APPROVED EQUIPMENT,IN ACCORDANCE W/LOCAL,STATE AND
FEDERAL REGULATIONS.

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