

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-111/11141-16-5.htm> for suppliers of this product.

Composition/Information on Ingredient

Cas:

11141-16-5

Code:

M

RTECS:

TQ1354000

Code:

M

Name:

AROCLOR 1232 (SARA III)

Other REC Limits:

0.001 MG/CUM NIOSH

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

AVOID BREATHING VAPOR/MIST. USE NIOSH/MSHA APPROVED EQUIPMENT WHEN AIRBORNE EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:

PROVIDE NATURAL/MECHANICAL VENTILATION TO KEEP

Protective Gloves:

RESISTANT

Eye Protection:

GOGGLES, FACE SHIELD

Other Protective Equipment:

Equipment RUBBER APRON, SAFETY SHOWER, EYE BATH.

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING PROMPTLY/LAUNDER BEFORE REUSE.

Supplemental Safety and Health:

N/R

Health Hazards Data

LD50/LC50 Mixture:

ACUTE ORAL LD50 (RATS) 8.65 GM/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SKIN: PCBs CAN BE ABSORBED. SUBSEQUENT DRYING & CRACKING. POTENTIAL FOR CONTRACTING CHLORACNE. EYE: IRRITATING TO TISSUES. INGESTION: SLIGHTLY TOXIC. INHALATION: 54% CHLORINATED MATERIAL PRODUCES MORE LIVE INJURY THAN THE 42% CHLORINATED MATERIAL.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SKIN: PCBs CAN BE ABSORBED. DRYING & CRACKING. POTENTIAL FOR CONTRACTING CHLORACNE. HOT PCBs MAY CAUSE THERMAL BURNS. EYE: IRRITATION TO TISSUES. INGESTION: SLIGHT TOXIC. INHALATION: LIVER INJURY, DERMATOLOGICAL SYMPTOMS.

Medical Cond Aggravated By Exposure:

N/R

First Aid:

INGESTION: CONSULT PHYSICIAN. DON'T INDUCE VOMITING/GIVE OILY LAXATIVES. SKIN: CONTAMINATED CLOTHING SHOULD BE REMOVED/WASHED THOROUGHLY W/SOAP & WATER. EYES: IRRIGATED W/COPIOUS QUANTITIES OF RUNNING WATER FOR AT LEAST 15 MINS. PETROLATUM-BASED OPHTHALMIC OINTMENT MAY BE APPLIED TO THE EYE TO RELIEVE THE IRRITATING EFFECTS OF PCBs.

Spill Release Procedures:

ALL NON-ESSENTIAL PERSONNEL SHOULD LEAVE THE AREA. THE AREA SHOULD BE VENTILATED TO PREVENT THE ACCUMULATION OF VAPORS. PERSONNEL SHOULD BE FURNISHED W/PROTECTIVE EQUIPMENT & CLOTHING. TRAINED PERSONNEL SHOULD SHUT OFF SOURCES OF PCBs.

Neutralizing Agent:

N/R

Waste Disposal Methods:

REMOVE BY ABSORPTIVE MATERIAL, SAWDUST, VERMICULITE, DRY SAND, CLAY, DIRT RESIDUES SHOULD BE COLLECTED, PLACED IN PROPER CONTAINERS, MARKED & DISPOSED BY EPA REGULATIONS, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:

AVOID: PROLONGED BREATHING OF VAPORS/MISTS. CONTACT W/EYES & SKIN. USE PROTECTIVE CLOTHING & EQUIPMENT. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:

2 CONTAMINATED CLOTHING SHOULD BE REMOVED & LAUNDERED BEFORE REUSE.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

152-154C

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

PCBs ARE FIRE-RESISTANT COMPOUNDS. AT TEMPERATURES RANGE 600-650C IN PRESENCE OF OXYGEN PCBs MAY FORM (PCDFs).

Fire Fighting Procedures:

PCBs IN ELECTRICAL EQUIPMENT HAVE BEEN REPORTED TO PRODUCE BOTH CHLORINATED DIOXINS (PCDDs) & FURANS (PCDFs) DURING FIRE SITUATIONS.

Unusual Fire/Explosion Hazard:

FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY CLEANED & DECONTAMINATED AFTER USE. WEAR SCBA.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

290-325C

Mel/Freeze Pt:

226C

226C

Decomp Temp:**Decomp Text:**

N/R

Vapor Pres:

0.005

Vapor Density:

N/R

Volatile Org Content %:**Spec Gravity:**

1.27-1.28

1.27-1.28**VOC Pounds/Gallon:**

N/R

PH:

N/R

VOC Grams/Liter:

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

INERT in Water:

INERT

Appearance And Odor:

(APHA) 100, MOBIL OIL

N/K**Corrosion Rate:**

N/R

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/R

Materials To Avoid:

FIRE-RESISTANT COMPOUNDS

Hazardous Decomposition Products:

CO, CO2, HCl, PHENOLICS, ALDEHYDES, HYDROCHLORIC ACID, RESPIRATORY IRRITANT.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

Toxicological Information

Information-N/P**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

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