

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-126/12674-11-2.htm> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

12674-11-2

**Code:**

M

**RTECS:**

TQ1351000

**Code:**

M

**Name:**

AROCLOL 1016 (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:**

USE NIOSH/MSHA APPROVED EQUIPMENT WHEN AIRBORNE EXPOSURE LIMITS ARE EXCEEDED. FULL FACEPIECE EQUIPMENT IS RECOMMENDED. HIGH AIRBORNE CONCENTRATIONS MAY REQUIRE USE OF SCBA OR SUPPLIED AIR RESPIRATOR.

**Ventilation:**

PROVIDE NATURAL OR MECHANICAL VENTILATION TO CONTROL EXPOSURE LEVELS

**Protective Gloves:**

CHEMICAL RESISTANT

**Eye Protection:**

GOGGLES, FACE SHIELD

**Other Protective Equipment:**

Equipment WEAR CHEMICAL RESISTANT CLOTHING. EYE BATHS, SAFETY SHOWERS.

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**

N/R

## Health Hazards Data

**LD50/LC50 Mixture:**

ORAL LD50: (RATS) 8.65 GM/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

YES

**Health Hazards Acute And Chronic:**

SKIN: PCBs CAN BE ABSORBED THROUGH INTACT SKIN, REMOVAL OF NATURAL FATS & OILS W/SUBSEQUENT DRYING & CRACKING. EYE: IRRITATING TO TISSUES. INHALATION: LIVER INJURY.

**Explanation Of Carcinogenicity:**

N/K

**Signs And Symptoms Of Overexposure:**

SKIN: PCBs CAN BE ABSORBED THROUGH INTACT SKIN, REMOVAL OF NATURAL FATS & OILS W/SUBSEQUENT DRYING & CRACKING. EYE: IRRITATING TO TISSUES. INHALATION: LIVER INJURY.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INGESTION: CONSULT PHYSICIAN. DON'T INDUCE VOMITING OR GIVE OILY LAXATIVES. IF LARGE AMOUNTS INGESTED, GASTRIC LAVAGE IS SUGGESTED. SKIN: WASH W/SOAP & WATER, REMOVE CONTAMINATED CLOTHING. PCBs MAY CAUSE THERMAL BURNS. EYES: IRRIGATE IMMEDIATELY W/WATER FOR AT LEAST 15 MINUTES. A PETROLEUM-BASED OPHTHALMIC MAY BE APPLIED. INHALATION: MOVE TO FRESH AIR. CONSULT PHYSICIAN.

**Spill Release Procedures:**

ALL NON-ESSENTIAL PERSONNEL SHOULD LEAVE SPILL AREA. AREA SHOULD BE ADEQUATELY VENTILATED TO PREVENT ACCUMULATION OF VAPORS. CONTAIN SPILL. REMOVE BY MEANS OF ABSORPTIVE MATERIAL OR TRAPPED & REMOVED BY PUMPING. WEAR PROTECTIVE EQUIPMENT.

**Neutralizing Agent:**

N/R

**Waste Disposal Methods:**

ALL WASTES & RESIDUES CONTAINING PCBs SHOULD BE COLLECTED, PLACED IN PROPER CONTAINERS, MARKED & DISPOSED OF IN THE MANNER PRESCRIBED BY EPA REGULATIONS (40 CFR PART 761) & APPLICABLE STATE & FEDERAL LAWS.

**Handling And Storage Precautions:**

PREVENT ENTRY INTO THE ENVIRONMENT THROUGH SPILLS, LEAKAGE, USE, VAPORIZATION, OR DISPOSAL OF LIQUID OR CONTAINERS. AVOID BREATHING OF VAPORS/MISTS.

**Other Precautions:**

AVOID CONTACT W/EYES & SKIN. 2

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

170C

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

N/K

**Fire Fighting Procedures:**

WEAR SCBA. AT TEMPS. IN RANGE OF 600-650C IN PRESENCE OF EXCESS OXYGEN PCBs MAY FORM POLYCHLORINATED DIBENZOFURANS (PCDFs). PCBs ARE FIRE-RESISTANT COMPOUNDS.

**Unusual Fire/Explosion Hazard:**

PCBs IN ELECTRICAL EQUIPMENT HAVE BEEN REPORTED TO PRODUCE CHLORINATED DIOXINS & FURANS DURING FIRES. FIRE FIGHTING EQUIPMENT SHOULD BE CLEANED/DECONTAMINATED.

## Physical/Chemical Properties

**HCC:**

NRC/State LIC No:

**Net Prop WT For Ammo:**

3

**Boiling Point:**

323-356F

**Melt/Freeze Pt:**

N/R

**M.P./F.P. Text:**

N/R

**Decomp Temp:**

N/R

**Decomp Text:**

N/R

**Vapor Pres:**

N/R

**Vapor Density:**

N/R

**Volatile Org Content %:**

N/R

**Spec Gravity:**

1.36-1.37

**VOC Pounds/Gallon:**

N/R

**PH:**

N/R

**VOC Grams/Liter:**

N/P

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/R

**Solubility in Water:**

N/R

**Appearance and Odor:**

MOBILE OIL

**Percent Volatiles by Volume:**

N/R

**Corrosion Rate:**

N/R

**Other Information:**

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

**Information:**

N/P

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