

## **AROCLOR 1254, 48586**

### **MSDS Number**

BXGNB

### **National Stock Number**

6810-00N059175

### **Product Name**

AROCLOR 1254, 48586

### **Manufacturer**

SUPELCO INC

### **Product Identification**

Product ID: AROCLOR 1254, 48586

MSDS Date: 12/28/1989

FSC: 6810

NIIN: 00N059175

MSDS Number: BXGNB

### **Responsible Party**

SUPELCO INC

SUPELCO PARK

BELLEFONTE , PA 16823-0048

US

Emergency Phone: 814-359-3441

Info Phone: 814-359-3441

Cage: 54968

### **Contractor**

SIGMA-ALDRICH INC.

14508

ST. LOUIS, MO 63103

US

314-771-5765/414-273-3850X5996

Cage: 54968

### **Ingredients**

POLYCHLORINATED BIPHENYL (AROCLOR 1254); (AROCLOR 1254)

CAS: 11097-69-1

RTECS: TQ1360000

OSHA PEL 0.5 MG/M3, S

ACGIH TLV: 0.5 MG/M3, S

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

### **Hazards**

LD50 LC50 Mixture: LD50: (ORAL, RAT) 1295 MG/KG.

Routes of Entry: Inhalation: NO Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: NO

Health Hazards Acute and Chronic: MAY IRRITATE EYES &/OR SKIN. HARMFUL  
IF ABSORBED THROUGH SKIN. IRRITATES SKIN. DERMATITIS. LIVER DAMAGE.  
Explanation of Carcinogenicity: AROCLOR 1254: IARC MONOGRAPHS, SUPP, VOL

7, PG 322, 1987:GRP 2A. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC  
TO BE (SUPDAT)  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:FLUSH W/WATER FOR AT LEAST 15 MINUTES. PETRO-BASED  
OPHTHALMIC OINTMENT MAY BE APPLIED TO RELIEVE IRRIT. SKIN:PROMPTLY  
WASH W/MILD SOAP & LG VOLS OF WATER. REMOVE CONTAM CLTHG.  
INHAL:IMMED MOVE TO FRESH AIR. INGEST:NEVER GIVE ANYTHING BY MOUTH  
TO UNCONSCIOUS PERSON. NEVER TRY TO MAKE UNCONSCIOUS PERSON VOMIT.  
DO NOT INDUCE VOMITING. CONTACT MD.

## Fire Fighting

Extinguishing Media:THIS MATERIAL IS NOT FLAMMABLE. EXTINGUISHING MEDIA  
DETERMINED BY SUPPORTING FIRE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT .  
Unusual Fire/Explosion Hazard:THE FOLLOWING TOXIC VAPORS ARE FORMED  
WHEN THIS MATERIAL IS HEATED TO DECOMPOSITION: HCL.

## Accidental Release

Spill Release Procedures:CLEAN AREA W/SOAP & WATER. TAKE UP W/ABSORBENT  
MATERIAL. VENTILATE AREA.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN SEALED CONTAINER IN COOL, DRY  
LOCATION. REPORTED CANCER HAZARD. AVOID EYE OR SKIN CONTACT. AVOID  
BREATHING VAPORS.  
Other Precautions:THIS MATL IS INTENDED FOR R&D USE ONLY & MAY NOT BE  
USED FOR DRUG, HOUSEHOLD OR OTHER PURPOSES. MATL SHOULD BE HANDLED  
ONLY BY QUALIFIED PERSONS TRAINED IN LAB PROCEDURES & GOOD SAFETY  
PRACTICES.

## Exposure Controls

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATORY PROTECTION.  
Ventilation:USE ONLY IN WELL VENTILATED AREA.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .  
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET  
ANSI DESIGN CRITERIA .  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
EXPLAN OF CARCIN:CARCINOGEN. ANIMAL:LIVER.

## Chemical Properties

Boiling Pt:B.P. Text:689F,365C  
Spec Gravity:1.5 (H\*2O=1)  
Appearance and Odor:CLEAR VISCOUS LIQUID TO STICKY SOLID.

## Stability

Stability Indicator/Materials to Avoid:YES  
Hazardous Decomposition Products:HCL.

## Disposal

Waste Disposal Methods:COMPLY W/ALL APPLICABLE FEDERAL, STATE OR LOCAL  
REGULATIONS.

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