# Material Safety Data Sheet

**Customer P.O. No.** CC/032615/HOUSE

**Date Printed:** 03/24/2015  
**Date Updated:** 11/06/2014  
**Revision:** 2

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## Section 1 - Product and Company Information

- **Catalog Number:** 44809  
  *(Reorder Product by this No.)*
- **Product Name:** AROCLOR 1260, 1X1ML, 1000UG/ML, ISO OCTANE
- **Street Address:** 595 North Harrison Road  
  Bellefonte, PA 16823-0048 USA
- **City, State, Zip, Country:**
- **Fax (MSDS Dept.):** 814-359-5930
- **Emergency Phone:** 800-521-8956 EXT 2143  
  800-424-9300

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## Section 2 - Composition/Information on Ingredient(s)

- **Substance Name:** AROCLOR 1260
- **CAS#:** no data available
- **SARA 313:** No

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS #</th>
<th>% OR Conc.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>SARA</th>
<th>LD50</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AROCLOR 1260</td>
<td>11666-82-5</td>
<td>0.1</td>
<td>0.5 mg/m3</td>
<td>0.5 mg/m3</td>
<td>Yes</td>
<td>1315 mg/kg</td>
<td>OR</td>
</tr>
<tr>
<td>ISO OCTANE</td>
<td>540-84-1</td>
<td>99.9</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
<td>&gt;5000 mg/kg</td>
<td>OR</td>
</tr>
</tbody>
</table>

**CODES:**  
OR (Oral Rat), OM (Oral Mouse), OB (Oral Rabbit), IR (Intraperitoneal Rat), IM (Intraperitoneal Mouse), IB (Intraperitoneal Rabbit)  
VR (Intravenous Rat), VM (Intravenous Mouse), VB (Intravenous Rabbit),  
SR (Subcutaneous Rat), SM (Subcutaneous Mouse), SB (Subcutaneous Rabbit)

**Formula:** MIXTURE

**Chemical Name:**

**Synonym(s):**

**Analytical Standard in ISO OCTANE**

**RTECS Number:**

**MSDS Dictionary:**  
CAS=Chemical Abstract Service; %=Percentage of Composition; TLV=Threshold Limit Value; SARA=Superfund Amendments and Reauthorization Act of 1986; TSCA=Toxic Substances Control Act; N/A=Not Available.

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## Section 3 - Hazards Identification

**Emergency Overview:**  
Flammable. Harmful.  
Vapors may cause drowsiness and dizziness.  
Target organs: Liver. Kidneys.  
Irritates respiratory tract.  
Reported animal carcinogen.  
Reported cancer hazard.  
To the best of our knowledge, the chemical, physical, & toxicological properties have not been thoroughly investigated.  
See Section 11 for toxicological data.  
Irritant to eyes and skin.  
May be harmful by inhalation, in contact with skin and if swallowed.

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Section 3 - Hazards Identification

Dangerous for the environment.
Harmful: May cause lung damage if swallowed.
Very toxic to aquatic organisms.

Section 4 - First Aid Measures

Oral Exposure:
Do not induce vomiting.
Contact a physician.
If swallowed, wash out mouth with water, if person is conscious.

Inhalation Exposure:
Immediately move to fresh air.
Contact a physician.
Give oxygen if breathing is labored.
If breathing stops, give artificial respiration.

Dermal Exposure:
Contact a physician.
Promptly wash skin with mild soap and large volumes of water.

Eye Exposure:
Contact a physician.
Flush eyes with water for 15 minutes.

Additional Information: no data available

Section 5 - Fire Fighting Measures

flammable Hazards:
Flammable.
Flashback along vapor trail may occur.

Explosion Hazards:
Vapors form explosive mixtures with air.
Containers may explode under fire conditions.

Thermal Decomposition Components:
Hydrogen chloride.
Carbon monoxide, carbon dioxide.

Extinguishing Media:
Suitable:
CO2.
Dry chemical.
Alcohol foam.

Firefighting
Protective Equipment:
Wear self-contained breathing apparatus when fighting a chemical fire.

Specific Hazard(s):
Emits toxic fumes under fire conditions.

Value: Method:
Flash Point (F): 10°F Closed Cup
Autoignition Temperature: 396°C
Lower: Upper:
Explosion Limits: 1.0% 6.0%

Additional Information: no data available

Section 6 - Accidental Release Measures

Procedure to be followed in case of Leak or Spill:
Absorb on sand.
Absorb on vermiculite.
Take up with absorbent material.
Eliminate all ignition sources.
Place into a sealed container and hold for waste disposal.
Use non-sparking tools.

Procedure(s) of Personal Precaution(s):
Wear goggles.
Section 6 - Accidental Release Measures

Wear gloves.
Wear all purpose canister mask.
Wear mask with charcoal cartridge.
Wear NIOSH/OSHA approved respiratory protection.

Methods for Cleaning Up:
Ventilate area and wash spill site after material pickup is complete.

Additional Information: no data available

Section 7 - Handling and Storage

Handling
User Exposure:
Avoid eye or skin contact.
Avoid breathing vapors.
Avoid prolonged or repeated exposure.

Storage
Suitable:
Keep away from heat.
Keep away from ignition sources.
Store in sealed container in cool, dry location.
Keep the containers tightly closed.

Additional Information:
Reported cancer hazard

Section 8 - Exposure Controls/PPE

Engineering Controls:
Safety shower, eye bath, sink.
Use only in exhaust hood.

Personal Protective Equipment
Respiratory:
Wear all purpose canister mask.
Wear mask with charcoal cartridge.
Wear NIOSH/OSHA approved respiratory protection.

Hand:
Wear gloves.

Eye:
Wear protective glasses.

Additional Equipment:

General Hygiene Measures:
Wash thoroughly after handling.

Additional Information: no data available

Section 9 - Physical and Chemical Properties

Appearance:
Liquid

Odor:
Gasoline odor

Molecular Weight:
no data available

pH:

Boiling Point Range:
98-99° C

Melting Point Range:
-107° C

Vapor Pressure:
41 mmHg

Vapor Density:
3.94 (Air=1)

Volatile %: no data available

Specific Gravity/Density:
0.690 g/cm3 or g/ml (Water=1)

Evaporation Rate:
no data available

Flash Point (F):
10° F
Lower: Upper:
1.0% 6.0%

Explosion Limits:

Section 9 - Physical and Chemical Properties

Solubility in Water: Insol.
Refractive Index: 1.39
Autoignition Temperature: 396 °C
Additional Information: no data available

Section 10 - Stability and Reactivity

Stability:
Stable.

Materials to Avoid:
Oxidizing agents.

Conditions to Avoid:

Hazardous Decomposition Products:
Hydrogen chloride.
Carbon monoxide, carbon dioxide.

Hazardous Polymerization:
Will not occur.

Additional Information: no data available

Section 11 - Toxicological Information

Route of Exposure

Skin Contact:
Irritates skin.

Skin Absorption:
May be harmful if absorbed through skin.

Eye Contact:
Irritates eyes.

Inhalation:
Irritates respiratory tract.
Irritates nose and throat.
May be harmful if inhaled.

Ingestion:
Liquid ingestion may result in vomiting; aspiration of vomitus into the lungs may result in chemical pneumonitis and pulmonary edema.
May be harmful if swallowed.

Critical Effects:
Reported animal carcinogen.
Reported cancer hazard.

Additional Possible Effects:
To the best of our knowledge, the chemical, physical, & toxicological properties have not been thoroughly investigated.

Target Organ(s) or System(s):
Kidneys.
Liver.

Signs and Symptoms of Exposure:
Vapors may cause drowsiness and dizziness.

Conditions Aggravated by Exposure:

Additional Information:
Reported cancer hazard.

Toxicity Data (LD50):
>5000 mg/kg Oral Rat
Section 12 - Ecological Information

Ecotoxicity:
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 13 - Disposal Information

Appropriate Method of Disposal of Substance or Preparation:
Burn in a chemical incinerator equipped with after burner & scrubber. Comply with all applicable federal, state, or local regulations. Contact a licensed professional waste disposal service to dispose of this material.

Section 14 - Transport Information

DOT
Proper Shipping Name: POLYCHLORINATED BIPHENYLS
UN#: 2315
Class: 9.0
Packing Group: II
Hazard Label: Excepted Qty
PIM: no data available

IATA
Proper Shipping Name: POLYCHLORINATED BIPHENYLS, LIQUID
IATA UN Number: 2315
Hazard Class: 9.0
Packing Group: III
Hazard Label: Excepted Qty
PIM: no data available

Section 15 - Regulatory Information

RU Directives Classification
F H XI N
Indication of Danger:
Highly flammable
Irritant
Dangerous for the environment
Risk Statements: R:
Safety Statements: S:

US Classification and Label Text
Indication of Danger:
Risk Statements:
Safety Statements:

United States Regulatory Information
SARA Listed: No
Demiminis:
Notes:

TSCA Inventory Item: Yes

United States - State Regulatory Information
California Prop-65:
Contains material(s) known to the state of California to cause cancer and reproductive toxicity.

Canada Regulatory Information
WHMIS Classification:
This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes
NDIS: No

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Section 15 - Regulatory Information

Additional Information: no data available
Reported cancer hazard.

Section 16 - Other Information

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

Warranty:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Supelco, shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2015 Supelco. License granted to make unlimited paper copies for internal use only.