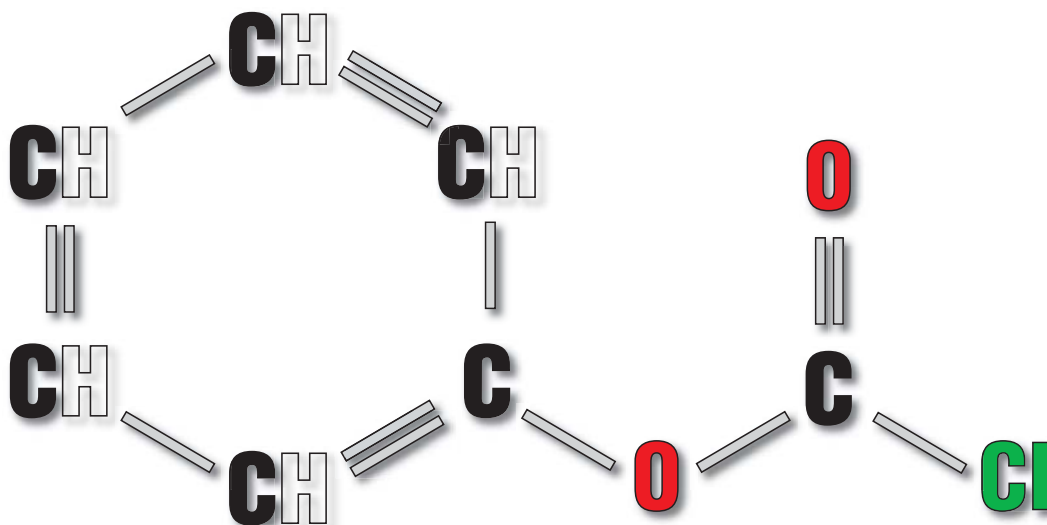


**Phenyl Chloroformate**  
(CHLOROFORMIC ACID, PHENYL ESTER)  
 $C_7H_5ClO_2$



Molecular Weight = 156.57  
CAS #1885-14-9

**SPECIFICATIONS**

Assay: 99.0 % min.  
Appearance: Water clear liquid  
Phenol: 0.2 % max.  
Dibenzyl Carbonate: 0.2 % max.

Color (APHA): 30 max.  
Hydrogen Chloride: 0.1 % max.  
Phosgene: 0.1 % max.  
Iron: 2 PPM max.

**PHYSICAL PROPERTIES**

Appearance: Water clear liquid  
FW: 156.57  
MP:  
BP: 20°C @ 100 mmHg

Vapor Pressure: 84 mmHg @ 20°C  
Density: 1.248 @ 20°C  
Flash Point: 77°C Tag closed cup  
Solubility: Soluble in most aprotic organic solvents

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**APPLICATIONS**

Phenyl Chloroformate is a reactive chemical intermediate used in the synthesis of pharmaceutical and agrochemical products.

**SAFETY AND HANDLING**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. If case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. Reacts with water.

**FIRST AID**

Seek immediate medical attention. Show MSDS to doctor.

**Eye Contact:** Rinse immediately with copious amounts of water for at least 15 minutes. Do not rub.

**Skin Contact:** Wash immediately with soap and water, removing all contaminated clothing and shoes.

**Ingestion:** Consult a physician or poison control center immediately. Remove from exposure and lie down. Clean mouth with water and then drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**SPILLS AND DISPOSAL**

Use personal protective equipment (see MSDS). Evacuate personnel to safe areas. Dike far ahead of liquid spill for later disposal. Prevent further leakage if safe to do so. Cover liquid spill with sand, earth or other non-combustible absorbent material. Pick up and transfer to properly labeled containers. Dispose of as hazardous waste. Dispose of empty containers according to local regulations. DO NOT reuse empty containers.

**STORAGE**

Keep containers tightly closed in a dry, cool, and well-ventilated location. Keep away from heat and sources of ignition. Store at room temperature.

**PACKAGING AND SHIPPING**

(To be provided)

**EMERGENCY RESPONSE**

\*Contact CHEMTREC 1-800-424-9300 in case of a transportation incident.

\*Contact VanDeMark 1-716-433-6764 for all other incidents.