

Cayman Chemical Company  
1180 E. Ellsworth Rd.  
Ann Arbor, MI 48108

Printed: 06/26/2006  
Revision: 06/26/2006

Date Created: 06/26/2006

## 1. Product and Company Identification

**Product Code:** 10005745  
**Product Name:** Clofibrate  
**Manufacturer Information**  
**Company Name:** Cayman Chemical Company  
**Emergency Contact:** Cayman Chemical Company (800)364-9897  
**Information:** Cayman Chemical Company (734)971-3335  
**Chemical Family:** Agonists & Antagonists  
**CAS Number:** 637-07-0  
**RTECS #:** UE9480000  
**Synonyms:** 2-(4-chlorophenoxy)-2-methyl-propanoic acid, ethyl ester

## 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TLV	Other Limits
1. 2-(p-Chlorophenoxy)-2-methylpropionic acid ethyl ester	637-07-0	100.0 %	No data.	No data.	No data.
Hazardous Components (Chemical Name)	RTECS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. 2-(p-Chlorophenoxy)-2-methylpropionic acid ethyl ester	UE9480000	No data.	No data.	No data.	No data.

## 3. Hazards Identification

**Emergency Overview:** No data available.  
**Route(s) of Entry:** Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: Injection  
**Potential Health Effects (Acute and Chronic):** California Prop. 65 carcinogen.  
 Harmful.  
 Harmful by inhalation, ingestion, or skin absorption.  
 Limited evidence of a carcinogenic effect.  
 May cause eye, skin, or respiratory system irritation.  
 The toxicological properties of this compound have not been fully evaluated.  
**LD 50/LC 50:** Please refer to Section 11.  
**Signs and Symptoms Of Exposure:** No data available.

## 4. First Aid Measures

**Emergency and First Aid Procedures:** If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.  
 If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.  
 In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.  
 In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

## 5. Fire Fighting Measures

**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.



# MATERIAL SAFETY DATA SHEET

## Clofibrate

Page: 3  
Printed: 06/26/2006  
Revision: 06/26/2006

**Corrosion Rate:** No data.  
**Formula:** C<sub>12</sub>H<sub>15</sub>ClO<sub>3</sub>  
**Molecular Weight:** 242.70  
**pH:** No data.  
**Appearance and Odor:** A clear, colorless solution

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** protect from moisture  
**Incompatibility - Materials To Avoid:** strong bases  
strong oxidizing agents  
**Hazardous Decomposition Or Byproducts:** carbon dioxide  
carbon monoxide  
hydrogen chloride gas  
**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Polymerization:** No data available.

### 11. Toxicological Information

**Toxicological Information:** The toxicological effects of this compound have not been thoroughly studied.

**Toxicity Data:**

Oral LD50 (rat): 940 mg/kg  
Intraperitoneal LD50 (rat): 910 mg/kg  
Oral LD50 (mouse): 1220 mg/kg  
Intraperitoneal LD50 (mouse): 540 mg/kg  
Intravenous LD50 (mouse): >500 mg/kg  
Oral LD50 (rabbit): 1370 mg/kg  
Oral LD50 (guinea pig): 1280 mg/kg  
Oral LD50 (hamster): 2400 mg/kg  
Intraperitoneal LD50 (hamster): 1260 mg/kg  
Oral LD50 (mammal): 3000 mg/kg

**Chronic Toxicological Effects:** Investigated as a carcinogen, teratogen, mutagen and reproductive effector.

**Target Organ Data:**

Effects on embryo or fetus (fetal death)  
Effects on embryo or fetus (fetotoxicity)  
Effects on embryo or fetus (other effects to embryo)  
Effects on fertility (post-implantation mortality)  
Effects on newborn (biochemical and metabolic)  
Effects on newborn (growth statistics)  
Paternal effects (prostate, seminal vessicle, Cowper's gland, accessory glands)

Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here.

See actual entry in RTECS for complete information.

Clofibrate RTECS Number: UE9480000

**Carcinogenicity/Other Information:** No data available.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

**Ecological Information:** Runoff from fire control or dilution water may cause pollution.

**13. Disposal Considerations**

**Waste Disposal Method:** Dispose in accordance with local, state and federal regulations.

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name:** No data available.

**Additional Transport Information:** Transport in accordance with local, state, and federal regulations.

**15. Regulatory Information**

**US EPA SARA Title III**

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. 2-(p-Chlorophenoxy)-2-methylpropionic acid ethyl ester	637-07-0	No	No	No	No

**US EPA CAA, CWA, TSCA**

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. 2-(p-Chlorophenoxy)-2-methylpropionic acid ethyl ester	637-07-0	No	No	No	Yes

**16. Other Information**

**Company Policy or Disclaimer**

For research use only, not for human or veterinary clinical use.

DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.