

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

Printed: 01/19/2007  
Revision: 01/16/2007

Date Created: 01/16/2007

## 1. Product and Company Identification

**Product Code:** 10004386  
**Product Name:** Sulindac  
**Manufacturer Information**  
**Company Name:** Cayman Chemical Company  
**Emergency Contact:** Cayman Chemical Company (800)364-9897  
**Information:** Cayman Chemical Company (734)971-3335  
**Chemical Family:** Inhibitors  
**CAS Number:** 38194-50-2  
**Synonyms:** 5-fluoro-2-methyl-1Z-[[4-(methylsulfinyl)phenyl]methylene]-1H-indene-3-acetic acid

## 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TLV	Other Limits
1. Sulindac	38194-50-2	100.0 %	No data.	No data.	No data.
Hazardous Components (Chemical Name)	RTECS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. Sulindac	NK8226000	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):** Material may be irritating to the mucous membranes and upper respiratory tract.  
 May be harmful by inhalation or skin absorption.  
 May cause eye, skin, or respiratory system irritation.  
 Toxic if swallowed.  
 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:** Exposure may cause: headache and dizziness, potentially fatal apparent hypersensitivity syndrome, gastrointestinal disturbance.

## 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.  
**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.



Formula: C20H17FO3S  
Molecular Weight: 356.40  
pH: No data.  
Appearance and Odor: A crystalline solid

## 10. Stability and Reactivity

Stability: Unstable [ ] Stable [ X ]  
Conditions To Avoid - Instability: protect from moisture  
Incompatibility - Materials To Avoid: strong oxidizing agents.  
Hazardous Decomposition Or Byproducts: carbon dioxide  
carbon monoxide  
hydrogen fluoride  
sulfur oxides  
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 LDLO (infant): 12 mg/kg  
Oral LDLO (woman): 112 mg/kg  
Oral LD50 (rat): 264 mg/kg  
Intraperitoneal LD50 (rat): 289 mg/kg  
Subcutaneous LD50 (rat): 336 mg/kg  
Oral LD50 (mouse): 507 mg/kg  
Intraperitoneal LD50 (mouse): 305 mg/kg  
Subcutaneous LD50 (mouse): 398 mg/kg

### Chronic Toxicological Effects:

Investigated as a teratogen.

### Target Organ Data:

Specific developmental abnormalities (craniofacial)

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

See actual entry in RTECS for complete information.

Sulindac RTECS Number: NK8226000

### 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. Sulindac	38194-50-2	No	No	No	No

### US EPA CAA, CWA, TSCA

# MATERIAL SAFETY DATA SHEET

## Sulindac

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Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. Sulindac	38194-50-2	No	No	No	Yes

### 16. Other Information

#### Company Policy or Disclaimer

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

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