



## MATERIAL SAFETY DATA SHEET

### SECTION 1. Chemical Product and Company Identification Meclofenamate (sodium salt)

**Product Code:** 6385-02-0 , **Reference #:** 70550

**Product Name:** Meclofenamate (sodium salt)

**CAS Number:** 6385-02-0

**Chemical Family:** Inhibitors

**Synonyms**

2-[(2,6-dichloro-3-methylphenyl)amino]-benzoic acid, monosodium salt

**Manufacturer Name and Address:**

Cayman Chemical Company

1180 E. Ellsworth Rd.

Ann Arbor, MI. 48108

Cayman Chemical Company

Cayman Chemical Company

**Telephone Numbers:**

(800)364-9897

(734)971-3335

**Dates:**

Date Entered:  
05/08/2002

Revision: 03/11/2003

Printed: 03/11/2003

### SECTION 2. Composition/Information on Ingredients Meclofenamate (sodium salt)

**Hazardous Components (Specific Chemical Identity/Common Name)**

**Name:** Meclofenamate (sodium salt)

**CAS #:** 6385-02-0

**OSHA PEL:** No data.

**Percentage:** 100.0 %

**ACGIH TLV:** No data.

### SECTION 3. Hazards Identification Meclofenamate (sodium salt)

**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)**

Contact may cause skin or eye irritation.

Material is irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

Repeated exposure may cause skin dryness or cracking.

Vapors may cause drowsiness and dizziness.

The toxicological properties of this compound have not been fully evaluated.

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

**Carcinogenicity/Other Information**

No data available.

**Signs and Symptoms Of Exposure**

Irritating to the skin, eyes, nose, throat, and respiratory tract.

**SECTION 4. First Aid Measures  
Meclofenamate (sodium salt)**

**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.

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.

**Note to Physician**

No data available.

**Medical Conditions Generally Aggravated By Exposure**

No data available.

**SECTION 5. Fire Fighting Measures  
Meclofenamate (sodium salt)**

**Flash Pt:** No data. **Method Used:** See note below

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

**Extinguishing Media**

Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

**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.

**Flammable Properties and Hazards**

Can release vapors that form explosive mixtures at temperatures at or above the flash point.

Container explosion may occur under fire conditions.

Emits toxic and corrosive fumes under fire conditions.

Flammable liquid.

Vapors can travel to a source of ignition and flash back.

**Hazardous Combustion Products**

No data available

**SECTION 6. Accidental Release Measures  
Meclofenamate (sodium salt)**

**Steps To Be Taken In Case Material Is Released Or Spilled**

Vacuum or sweep up material and place in disposal container.

Avoid raising dust.

After removal, ventilate contaminated area and flush thoroughly with water.

## SECTION 7. Handling and Storage Meclofenamate (sodium salt)

### Hazard Label Information:

Avoid contact with skin and eyes. Do not reuse this container.

Use with adequate ventilation. Wash thoroughly after handling.

### Precautions To Be Taken in Handling

Avoid contact with eyes, skin, and clothing.

Do not reuse this container.

Keep away from sources of ignition.

Use with adequate ventilation.

Wash thoroughly after handling.

### Precautions To Be Taken in Storing

Store at correct temperature.

### Other Precautions

No data available.

### Work/Hygienic/Maintenance Practices

Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Wash thoroughly after handling.

## SECTION 8. Exposure Controls/Personal Protection Meclofenamate (sodium salt)

### Protective Equipment Summary - Hazard Label Information

Eye wash station in work area Lab coat Latex disposable gloves

Safety glasses Safety shower in work area Vent Hood

### Respiratory Equipment (Specify Type)

No data available.

### Eye Protection

Safety glasses

### Protective Gloves

Latex disposable gloves

### Other Protective Clothing

Lab coat

### Engineering Controls (Ventilation etc.)

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

## SECTION 9. Physical and Chemical Properties Meclofenamate (sodium salt)

<b>Physical States:</b>	[ ] Gas , [ ] Liquid , [ X ] Solid
<b>Boiling Point:</b>	No data.
<b>Melting Point:</b>	No data.
<b>Specific Gravity (Water = 1):</b>	No data.
<b>Density:</b>	No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	No data.

**Evaporation Rate (vs Butyl Acetate=1):** No data.  
**Solubility in Water:** 50 mg/ml\* at 25.0 C  
**Other Solubility Notes:** \*PBS pH 9.0, sol. in EtOH, DMSO, & DMF  
**Percent Volatile:** No data.  
**Saturated Vapor Concentration:** No data.  
**Viscosity:** No data.  
**Molecular Formula:** C14H10Cl2NO2Na  
**Molecular Weight:** 318.10  
**pH:** No data.  
**Appearance and Odor**  
A crystalline solid

### SECTION 10. Stability and Reactivity Meclofenamate (sodium salt)

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

No data available.

**Incompatibility - Materials To Avoid**

No data available.

**Hazardous Decomposition Or Byproducts**

No data available.

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Polymerization**

No data available.

### SECTION 11. Toxicological Information Meclofenamate (sodium salt)

The toxicological effects of this compound have not been thoroughly studied.

**Chronic Toxicological Effects**

No data available.

### SECTION 12. Ecological Information Meclofenamate (sodium salt)

Runoff from fire control or dilution water may cause pollution.

### SECTION 13. Disposal Considerations Meclofenamate (sodium salt)

**Waste Disposal Method**

Dispose in accordance with local, state and federal regulations.

### SECTION 14. Transport Information Meclofenamate (sodium salt)

**DOT Proper Shipping Name**

No data available.

**Additional Transport Information**

Transport in accordance with local, state, and federal regulations.

**SECTION 15. Regulatory Information  
Meclofenamate (sodium salt)**

Regulatory information on this product is not available.

**SECTION 16. Other Information  
Meclofenamate (sodium salt)**

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

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