

Material Safety Data Sheet

Effective Date: 08-MAR-2006
Product: OverTime Herbicide

I. IDENTIFICATION

Chemical Name: Acetochlor
Chemical Family: Herbicides
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: 62719-367-5905

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not determined
Spec Gravity: 1.1086 g/mL
Vapor Pressure: Not applicable
Vapor Density: Not determined
Solubility: Emulsifiable in water
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Dark amber to purple, aromatic liquid.

III. INGREDIENTS

Material	CAS Number	Percent TLV	Hazard
Acetochlor	34256-82-1	70.90	Eye & skin irritant.
Inert ingredients, Total, including:		29.10	Eye & skin irritant.
Dichlormid	37764-25-3		
Naphthalene	91-20-3		

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Use water fog, alcohol foam, carbon dioxide, dry chemical or halogenated extinguishing agents.
Special Fire Fight Proc: Wear a self-contained breathing apparatus and full protective clothing when fighting fires.
Fire and Expl Hazard: If heated above flash point, heavy vapors can flow along surfaces to distant ignition sources and flash back.

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V. HEALTH HAZARD

Carcinogen Information: Acetochlor has caused cancer in lab animals.

ACUTE EFFECTS OF OVER EXPOSURE

- Swallowing: Low toxicity if swallowed. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury, including CNS depression. May also result in gastrointestinal irritation.
- Skin Absorption: Prolonged contact may cause moderate skin irritation with local redness. Absorption in harmful amounts is unlikely.
- Inhalation: Brief exposure (minutes) to easily attainable concentrations may cause adverse effects.
- Skin contact: Prolonged contact may cause moderate skin irritation with local redness. Acetochlor and dichlormid have caused allergic skin sensitization in guinea pigs.
- Eye Contact: May cause eye irritation. Vapor may cause eye irritation experienced as mild discomfort and redness.
- Chronic Effects: Acetochlor has been reported to cause effects on the following organs in animals: blood, central nervous system, kidney, liver, testes, respiratory tract, and eyes.
- Other Hazard: Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.

EMERGENCY AND FIRST AID PROCEDURES

- Swallowing: Immediately call a physician or poison control center. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
- Skin: Immediately wash affected area with plenty of soap and water. Remove contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing before reuse or discard if article cannot be decontaminated.
- Inhalation: Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration. Call a poison control center or

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doctor for treatment advice. Administer oxygen if breathing is difficult.

Eyes: Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Notes to Physician: If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. The decision of whether to induce vomiting or not should be made by a physician. No specific antidote. Treatment of exposure should be directed at control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.
Incompatibility material: Avoid contact with oxidizing agents.
Hazardous Combustion: If product is involved in fire, carbon dioxide, carbon monoxide, hydrogen chloride, nitrogen dioxide, and sulfur dioxide may be formed.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Wear suitable protective clothing and eye protection to prevent skin and eye contact. Absorb small spills with materials such as sand, sawdust, Zorbball or dirt and shovel into an open drum. Wash exposed body areas thoroughly after handling.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use NIOSH-approved air purifying respirator when needed.
Ventilation: General and/or local ventilation.

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Gloves: Chemical-resistant gloves.
Eyes: Use safety glasses.
Other: Emergency shower, impervious apron and
footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds, or storm drains with this material. Exercise due caution to prevent damage to or leakage of the container. Store in a cool, dry, well-ventilated area, away from flammable materials and sources of heat or flame, in the original container with the lid tightly closed.

Other precaution: OverTime Herbicide is a restricted use pesticide due to oncogenicity. Toxic to aquatic organisms and avian species.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT in packagings <1,801 gallons.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Compound, Weed Killing, Liquid (Acetochlor),
N.O.I. (NMFC Item 50320, Class 60)

Chemical Name	Equivalent R.Q.
Naphthalene (CAS No. 91-20-3)	100 lbs.

TRANSPORTATION NOTE:

For tank shipments > 1,801 gallons, ship as:
RQ, Environmentally hazardous substances, liquid, n.o.s., (Naphthalene), 9,
UN3082, PG III "ERG # 171"

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum

Health: 2 Fire: 2 Reactivity: 0

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S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y	Delayed (Chronic) Health: Y
Sudden Release of pressure: N	Fire: N
Reactive: N	

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