

Material Safety Data Sheet

Effective Date: 11-FEB-2006
Product: OverTime ATZ Lite Herbicide

I. IDENTIFICATION

Chemical Name: Acetochlor + Atrazine
Chemical Family: Herbicides
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: 62719-479-5905

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not determined
Spec Gravity: 1.11 g/cm³
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: Not determined
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Tan-colored, opaque liquid; faint aromatic odor.

III. INGREDIENTS

Material	CAS Number	Percent TLV	Hazard
Acetochlor	34256-82-1	43.40	Skin & eye irritant.
Atrazine	1912-24-9	16.30	Skin & eye irritant.
Inert ingredients, Total, including:		40.30	Skin & eye irritant.
Propylene Glycol	57-55-6		
Dichlormid	37764-25-3		

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >212 Degrees F.
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Use water fog, alcohol foam, carbon dioxide, dry chemical or halogenated agents.
Special Fire Fight Proc: Wear a self-contained breathing apparatus and full protective clothing.

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Fire and Expl Hazard: If heated above the flash point, vapors can flow along surfaces to distant ignition sources and flash back.

V. HEALTH HAZARD

Carcinogen Information: Acetochlor/atrazine caused cancer in lab animals.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Low toxicity if swallowed. Small amounts swallowed incidental to use are not likely to cause injury; however, swallowing larger amounts may cause injury. May cause central nervous system effects.
Skin Absorption: Prolonged skin contact is unlikely to result in absorption of harmful amounts.
Inhalation: Prolonged exposure is not expected to cause adverse effects.
Skin contact: Brief contact may cause slight irritation with local redness. May cause drying and flaking of the skin. Has caused allergic skin reactions when tested in guinea pigs.
Eye Contact: May cause moderate eye irritation. May cause slight temporary corneal injury.
Chronic Effects: Acetochlor, in animals, has been reported to cause effects to the following organs: blood, central nervous system, kidney, liver, testes and eyes. Atrazine, in animals, has been reported to cause effects on the heart.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Call a poison control center or doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.
Skin: Immediately wash affected areas with plenty of soap and water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated.
Inhalation: Move to fresh air. If not breathing, call 911

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or an ambulance, then give artificial respiration. Call a physician or poison control center for treatment advice. If breathing is difficult, administer oxygen.

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

Notes to Physician: Skin contact may aggravate pre-existing dermatitis. No specific antidote. Treatment of exposure should be directed at the 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: 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: None needed under normal use conditions.
Ventilation: General and/or local exhaust should be sufficient.
Gloves: Impervious.
Eyes: Chemical goggles.
Other: Emergency shower, impervious apron and footwear.

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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. Keep container tightly closed and store in a cool, well-ventilated area.

Other precaution: OverTime ATZ Lite Herbicide is a restricted use pesticide due to ground and surface water concerns and oncogenicity. Toxic to aquatic organisms and avian species.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Compound, Weed Killing, Liquid (Atrazine, Acetochlor), N.O.I. (NMFC Item 50320, Class 60)

Chemical Name

Equivalent R.Q.

Not applicable

Not applicable

XI. GENERAL PRODUCT INFORMATION

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

Health: 2

Fire: 1

Reactivity: 0

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

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

Delayed (Chronic) Health: Y
Fire: N

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