



# Safety Data Sheet

Report Date 10-Apr-17

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## 1. Identification

**Product Name** : OVERTIME NXT  
**Synonyms** : None  
**Product Use** : Acetochlor Herbicide  
**Manufacturer/Supplier** : Helena Chemical Company  
**Address** : 225 Schilling Blvd. Collierville, TN 38017  
**General Information** : 901-761-0050  
**Transportation Emergency Number** : CHEMTREC:800-424-9300

## 2. Hazard Identification



**Signal Word** : Danger  
**Skin Irritation** : Causes skin irritation  
**Eye Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012)  
**Acute Toxicity Oral** : LD50=1,849 mg/kg (female rat)  
**Acute Toxicity Dermal** : LD50>5,000 mg/kg (for similar formulation)

**Hazard Categories** : Oral/Inhalation Tox-4/4; Skin Irr-2; Skin Sens-1; STOT, Single-3; Aspiration-1; Carcinogen-2

**Hazard Statement** : Harmful if swallowed  
Harmful if inhaled  
Causes skin irritation  
May cause an allergic skin reaction  
May cause respiratory irritation  
Suspected of causing cancer  
May be fatal if swallowed and enters airways

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Acetochlor	34256-82-1	75.9
Furilazole	121776-33-8	2.5
Aromatic Hydrocarbons	Not available	9.2
Naphthalene	91-20-3	1.5
Inert formulation compounds	Not available	10.9



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### 4. First Aid Measures

- Eye** : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
- Skin** : Take off contaminated clothing. Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Launder clothing before reuse. Dispose of shoes/other leather items that cannot be decontaminated.
- Inhalation** : Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth if possible. Call a poison control center or doctor for treatment advice.
- Ingestion** : Do not induce vomiting. Call a physician or ambulance immediately to get treatment.
- Indication of Immediate Medical Attention and Special Treatment Needed** : May cause asthma-like (reactive airways) symptoms. If burn is present, treat as thermal burn, after decontamination. There is no specific antidote. Treatment should be directed at control of symptoms and the clinical condition of patient.

### 5. Fire Fighting Measures

- Extinguishing Media** : Use water fog, fine spray water, dry chemical, carbon dioxide or foam extinguishing agents. Alcohol-resistant foams are preferred. General purpose synthetic foams or protein foams may function, but will be less effective. Do not use direct water stream.
- Specific Hazards Arising from the Chemical** : Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Do not use direct water system as fire may spread.

### 6. Accidental Release Measures

- Personal Precautions** : Isolate area. Keep unnecessary and unprotected personnel out of spill area. Keep upwind of spill. Ventilate area of leak or spill.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Spills or discharge to natural waterways is likely to kill aquatic organisms.
- Methods and Materials for Containment and Cleanup** : Contain small spills with clay, dirt or sand. Sweep up, collect and place in suitable properly labeled containers for disposal.

### 7. Handling and Storage



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**Precautions for Safe Handling** : Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

**Conditions for Safe Storage** : Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies. Do not store in mild steel.

### 8. Exposure Controls / Personal Protection

**TLV/PEL** : Naphthalene: TLV=10 ppm (skin absorption); PEL=50 mg/m<sup>3</sup>.

**Appropriate Engineering Controls** : Local exhaust ventilation may be necessary for some operations.

**Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

### 9. Physical and Chemical Properties

**Odor/Appearance** : Blue liquid with mild odor.

**Flash Point, °F** : 257 Degrees F.

**Boiling Point, °F** : Not available

**Melting Point(Freezing point), °C** : Not applicable

**Vapor Pressure, mm Hg @ 20 °C** : Not volatile

**Vapor Density** : Not available

**Solubility in Water** : Emulsifies

**Molecular Formula** : Not applicable, formulated mixture.

**Density, g/mL @ 25 °C** : 1.1071

**Evaporation Rate(Butyl Acetate = 1)** : Not available

**Octanol/Water Partition Coefficient** : No information found

**pH** : Not applicable

**Flammable Limits (approximate volume % in air)** : Not available

**Auto-ignition Temperature** : Not available

**Decomposition temperature** : No information found

### 10. Stability and Reactivity

**Reactivity** : No dangerous reactions known.

**Chemical Stability** : Stable

**Hazardous Decomposition Products** : Decomposition products depend upon temperature, air supply and the presence of other materials.



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- Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : Exposure to elevated temperatures can cause product to decompose.  
**Incompatible Materials** : Avoid contact with metals such as mild steel.

### 11. Toxicological Information

- Acute Toxicity (Oral LD50)** : 1,849 mg/kg (female rat). Harmful if swallowed.  
**Acute Toxicity (Dermal LD50)** : >5,000 mg/kg (rat) for similar product. Not classified as hazardous under 29 CFR 1910.1200 (2012).  
**Acute Toxicity Inhalation LC50** : 1.4 mg/L/4 hour (rat, dust/mist) for similar product. Harmful if inhaled.  
**Likely Routes of Exposure** : Ingestion, inhalation, skin contact  
**Skin Irritation** : Causes skin irritation.  
**Eye Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012).  
**Skin Sensitization** : May cause an allergic skin reaction.  
**Carcinogenic** : Suspected of causing cancer. Acetochlor (active) has caused cancer in laboratory animals.  
**Chronic Effects** : Aspiration Hazard: May be fatal if swallowed and enters airways. Specific Target Organ Toxicity, Repeated Exposure: In animals, effects have been reported on blood, central nervous system, kidney, liver, testes.  
**Other Hazards** : Specific Target Organ Toxicity, Single Exposure: May cause respiratory irritation. CA Prop 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 12. Ecological Information

- Ecotoxicity** : Material (acetochlor) is very highly toxic to aquatic organisms on an acute basis.  
**Persistence and Degradability** : No relevant information available.  
**Bioaccumulative Potential** : Bioconcentration potential is low.  
**Mobility in Soil** : For acetochlor, potential for mobility in soil is medium.  
**Other Adverse Effects** : No information found.

### 13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

### 14. Transport Information

- UN Proper Shipping Name** : Not regulated by DOT in single packages less than 722 gallons. Regulated if shipped by air (IATA) or water (IMDG).  
**Transport Hazard Class** : None



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**UN Identification Number** : None  
**Packaging Group** : None  
**Environmental Hazards** : Reportable Quantity (RQ) for Naphthalene=100 lbs. (722 gallons). Marine Pollutant if shipped by air (IATA) or water (IMDG).  
**Transport in Bulk** : If shipped in single package  $\geq$ 722 gallons, ship as: RQ, UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (Naphthalene), 9, PG III "ERG # 171"  
**Special Precautions for Transportation** : If shipped by air (IATA) or water (IMDG), ship as: UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (Acetochlor, Naphthalene), 9, PG III, Marine Pollutant  
**Freight Classification** : Pesticides, NOI, Herbicides, Other than Poison (NMFC Item 155050, Sub 11, Class 70)

## 15. Regulatory Information

**National Fire Protection Association Rating** :

Health: 2 Fire: 1 Reactivity: 1  
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

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

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

**FIFRA Information** : This Chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA Registration Number** : 62719-672-5905

**FIFRA Signal Word** : Warning

**FIFRA Label Statement** : Keep out of reach of children.

**FIFRA Label Statement** : Causes substantial but temporary eye and skin irritation.

**FIFRA Label Statement** : Harmful if swallowed or inhaled.

**FIFRA Label Statement** : May cause allergic skin reaction.

**FIFRA Label Statement** : Avoid contact with skin, eyes, or clothing.

**FIFRA Label Statement** : Avoid breathing vapor or spray mist.

**FIFRA Label Statement** : Wash thoroughly with soap and water after handling.

## 16. Other Information

**Data of Preparation/Revision** : 10-April-2017