



Safety Data Sheet

Report Date 30-Mar-17

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1. Identification

Product Name : OVERTIME ATZ NXT
Synonyms : None
Product Use : Acetochlor + Atrazine 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 : Warning
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Acute Toxicity Oral : LD50=1,338 mg/kg (for similar material)
Acute Toxicity Dermal : LD50>5,000 mg/kg (rat)
Hazard Categories : Oral Toxicity-4; Skin Sensitization-1; STOT, Single-3; STOT, Repeated-2
Hazard Statement : Harmful if swallowed
May cause an allergic skin reaction
May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Acetochlor	34256-82-1	33.4
Atrazine	1912-24-9	26.9
Furilazole	121776-33-8	>= 1.3
Balance of non-hazardous ingredients	Non-hazardous	>= 22.0 </=38.4

4. First Aid Measures



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- 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 the eyes. Call a poison control center or doctor for treatment advice.
- Skin** : Remove contaminated clothing. Wash skin with soap and plenty of water. Call a poison control center or doctor for treatment advice. Launder clothing before reuse.
- Inhalation** : Move to fresh air. If irritation occurs, consult a physician.
- Ingestion** : Call a poison control center or doctor immediately for treatment advice. 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.
- Indication of Immediate Medical Attention and Special Treatment Needed** : No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

- Extinguishing Media** : Use water fog or fine spray, dry chemical, carbon dioxide or foam. Alcohol-resistant foams are preferred.
- 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 positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing.

6. Accidental Release Measures

- Personal Precautions** : Isolate area. Keep unnecessary and unprotected personnel from entering the area.
- 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 soil, ditches, sewers, waterways and/or groundwater. Spills or discharge to natural waterways are likely to kill aquatic organisms.
- Methods and Materials for Containment and Cleanup** : Contain spilled material if possible. For small spills, absorb with materials such as clay, dirt or sand. Sweep up. Collect and place in suitable, properly labeled containers. For large spills, an emergency response professional may be needed.

7. Handling and Storage

- Precautions for Safe Handling** : Keep out of reach of children. Keep away from heat, sparks and flame. 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. Use with adequate ventilation. Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld or perform similar operations on or near empty containers.
- 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 or aluminum.



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8. Exposure Controls / Personal Protection

TLV/PEL : Atrazine: TLV=2 mg/m³ (inhalable fraction); PEL=5 mg/m³.

Appropriate Engineering Controls : Use local exhaust ventilation or other engineering controls to maintain airborne levels below exposure limits.

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 : Pink suspension with slight odor.

Flash Point, °F : >199.99 Deg F.

Boiling Point, °F : No test data available

Melting Point(Freezing point), °C : No test data available

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

Vapor Density : Not applicable

Solubility in Water : Emulsifies

Molecular Formula : Not applicable, formulated mixture.

Density, g/mL @ 25 °C : 1.11

Evaporation Rate(Butyl Acetate = 1) : No test data available

Octanol/Water Partition Coefficient : No data available

pH : 7.0 to 8.5

Flammable Limits (approximate volume % in air) : No test data available

Auto-ignition Temperature : No test data available

Decomposition temperature : No test data available

10. Stability and Reactivity

Reactivity : No data available

Chemical Stability : Stable

Hazardous Decomposition Products : Decomposition products can include (not limited to): carbon monoxide, hydrogen chloride, nitrogen oxides. Gases are released during decomposition.

Hazardous Polymerization : Will not occur

Conditions to Avoid : Exposure to elevated temperatures can cause the product to decompose.

Incompatible Materials : Avoid contact with oxidizing materials. Avoid contact with metals such as aluminum and mild steel.



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11. Toxicological Information

- Acute Toxicity (Oral LD50)** : 1,338 mg/kg (rat), for a similar material. Harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : >5,000 mg/kg (rat). Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Acute Toxicity Inhalation LC50** : The LC50 value is greater than the Maximum Attainable Concentration. Not classified as hazardous.
- Likely Routes of Exposure** : Inhalation, ingestion, skin, eyes
- Skin Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Eye Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Skin Sensitization** : May cause an allergic skin reaction. Has caused sensitization when tested in guinea pigs.
- Carcinogenic** : Atrazine and Acetochlor have caused cancer in laboratory animals. Relevance to humans is unknown.
- Chronic Effects** : Specific Target Organ Toxicity, Repeated Exposure: May cause damage to organs through prolonged or repeated exposure. In animals, effects have been reported on: blood, central nervous system, heart, kidney, liver, testes, mammary gland, and lung.
- Other Hazards** : Specific Target Organ Toxicity, Single Exposure: May cause respiratory irritation.

12. Ecological Information

- Ecotoxicity** : Acetochlor and Atrazine: very highly to highly toxic to aquatic organisms.
- Persistence and Degradability** : No relevant information found. Atrazine is not biodegradable.
- Bioaccumulative Potential** : Acetochlor and Atrazine: bioconcentration potential is low.
- Mobility in Soil** : Acetochlor and Atrazine have medium potential for mobility in soil.
- Other Adverse Effects** : No information available.

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. Regulated as a Marine Pollutant if shipped by air (IATA) or water (IMDG).
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : Not listed as a Marine Pollutant on Appendix B to 49 CFR 172.101. Classified as a Marine Pollutant if shipped by air (IATA) or water (IMDG).
- Transport in Bulk** : Not regulated for transport.



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Special Precautions for Transportation : If shipped by air (IATA) or water (IMDG), ship as: UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (Acetochlor, Atrazine), 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 : 62719-671-5905

FIFRA Signal Word : Caution

FIFRA Label Statement : Restricted Use Pesticide Due to Ground and Surface Water Concerns.

FIFRA Label Statement : Keep out of reach of children.

FIFRA Label Statement : Harmful if swallowed or inhaled. Causes moderate eye irritation.

FIFRA Label Statement : May cause allergic skin reaction. Avoid contact with skin, eyes or clothing.

FIFRA Label Statement : Avoid breathing vapor or spray mist.

FIFRA Label Statement : Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash

FIFRA Label Statement : thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

16. Other Information

Data of Preparation/Revision : 30-March-2017