



Safety Data Sheet

Report Date 10-Apr-17

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1. Identification

Product Name : OVERTIME ATZ LITE 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=1,249 mg/kg (rat) for similar material.
Acute Toxicity Dermal : LD50>5,000 mg/kg (rat) for similar material.
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 (blood, central nervous system, heart, kidney, liver, testes, mammary gland) through prolonged or repeated exposure (by ingestion)

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Acetochlor	34256-82-1	46.3
Atrazine	1912-24-9	18.3
Furilazole	121776-33-8	</=4.0
Balance, confidential formulation aids	Trade Secret	</=32.0



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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 the 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. Wash clothing before reuse. Dispose of shoes and leather items which cannot be decontaminated.
- Inhalation** : Move person to fresh air. If not breathing, call an emergency responder or ambulance, then give artificial respiration. Call a poison control center or doctor for treatment advice.
- Ingestion** : Call a poison control center or doctor immediately for treatment advice. 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 if unconscious.
- Indication of Immediate Medical Attention and Special Treatment Needed** : No specific antidote. Treatment of exposure should be directed at control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

- Extinguishing Media** : Foam fire extinguishing system is preferred. Do not use direct water stream. Fight fire for other material that is burning as this material does not burn.
- Specific Hazards Arising from the Chemical** : Do not use direct water stream as this may spread fire. 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. Consider feasibility of a controlled burn to minimize environmental damage.

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 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 spilled material if possible. Absorb small spills with clay, dirt or sand. Sweep up to collect and place in suitable containers for disposal.

7. Handling and Storage

- 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. Use with adequate ventilation.



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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 aluminum or mild steel.

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 if needed.

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 mild odor.

Flash Point, °F : Does not flash

Boiling Point, °F : No test data available

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

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 : 1.1

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 data available

Auto-ignition Temperature : No test data available.

Decomposition temperature : No test data available

10. Stability and Reactivity

Reactivity : Not reactive

Chemical Stability : Stable

Hazardous Decomposition Products : Does not decompose.

Hazardous Polymerization : Will not occur

Conditions to Avoid : None known

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



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11. Toxicological Information

- Acute Toxicity (Oral LD50)** : 1,249 mg/kg (rat) for similar material. Harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : >5,000 mg/kg (rat) for similar material. Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Acute Toxicity Inhalation LC50** : No LC50 data available. Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Likely Routes of Exposure** : Ingestion, inhalation, skin.
- 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.
- Carcinogenic** : Atrazine and Acetochlor have caused cancer in laboratory animals. The relevance to humans is unknown
- Chronic Effects** : Specific Target Organ Toxicity, Repeated Exposure: May cause damage to organs (blood, central nervous system, heart, kidney, liver, testes, mammary gland) through prolonged or repeated exposure (if swallowed).
- Other Hazards** : Specific Target Organ Toxicity, Single Exposure: May cause respiratory irritation.

12. Ecological Information

- Ecotoxicity** : For similar material(s): very highly toxic to aquatic organisms on an acute basis. Slightly toxic to birds on an acute basis.
- Persistence and Degradability** : No relevant information found.
- Bioaccumulative Potential** : For both acetochlor and atrazine, the bioconcentration potential is low.
- Mobility in Soil** : For both acetochlor and atrazine, potential for mobility in soil is medium.
- Other Adverse Effects** : No relevant 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 any package sizes. If shipped by air (IATA) or water (IMDG), classified as Marine Pollutant.
- 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).



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- Transport in Bulk** : Not regulated for ground (DOT) transport.
- 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 : 62719-670-5905

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. Harmful if inhaled. Causes moderate eye irritation.

FIFRA Label Statement : May cause allergic skin reaction.

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

FIFRA Label Statement : Avoid breathing spray mist.

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

16. Other Information

Data of Preparation/Revision : 10-April-2017