

MATERIAL SAFETY DATA SHEET

WATCHMAN LITE HERBICIDE



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

UNITED SUPPLIERS, INC.
BOX 538
Eldora, IA 50627

EPA REG. NO.: 7969-200-33270

PRODUCT NAME: WATCHMAN LITE HERBICIDE

CHEMICAL NAME: dimethtenamid + atrazine

CHEMICAL FAMILY: Herbicide

EMERGENCY CONTACT: In the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals -- call **CHEMTREC (800) 424-9300**.

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – WARNING. Causes skin irritation. **DO NOT** get on skin or on clothing. Harmful if absorbed through the skin, swallowed, or inhaled. Causes moderate eye irritation. Avoid contact with eyes.

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Atrazine	29.5	1912-24-9	Not listed
dimethenamid	24.1	163515-14-8	Not listed
Other ingredients (Including)	46.4	-----	-----
Ethylene glycol	<5.0	107-21-1	Not listed

4. FIRST AID MEASURES

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in Eyes: Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is 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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT have the product container or label with you when calling a poison control center or doctor. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Note to Physician: Contains petroleum distillates; vomiting may cause aspiration pneumonia.

5. FIRE FIGHTING MEASURES

FLASH POINT (^oF/Test Method): >200°F

FLAMMABLE LIMITS (LFL & UFL): Not established

EXTINGUISHING MEDIA: Use foam, dry chemical, carbon dioxide, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Toxic fumes may be emitted in a fire situation.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to run off. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Can burn in fire, releasing irritating and toxic gases due to thermal decomposition or combustion.

FIRE FIGHTING EQUIPMENT: Self-contained breathing apparatus with full facepiece. Full fire fighting turn-out gear (Bunker gear).

HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: In case of leak or spill, contain material and dispose as waste. Shut off source of leak only under safe conditions. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment. Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal. Check local, state and federal regulations for proper disposal.

7. HANDLING AND STORAGE

HANDLING: Wash hands after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE: Store between 32°F and 100°F, in original container with lid tightly closed, away from children and animals. Keep away from water, foodstuffs, feed or seed. Changes in the properties of the product may occur if substance/product is stored above or below the indicated temperature range for extended periods of time.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

RESPIRATORY PROTECTION: Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapors.

EYE PROTECTION: Wear chemical goggles or shielded safety glasses when handling and mixing product.

SKIN PROTECTION: Wear protective clothing: Coveralls worn over short-sleeved shirt and short pants, chemical resistant footwear plus socks and chemical-resistant gloves. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

Personal Protective Equipment (PPE): Eye protection, Coveralls worn over short-sleeved shirt and short pants, chemical resistant footwear plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. If you want more options, follow the instructions for **Category C** on an EPA chemical-resistance category selection chart.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White liquid, moderate slight sweet

SPECIFIC GRAVITY (Water=1): 1.09 – 1.15 g/ml

VAPOR PRESSURE: Not established

PERCENT VOLATILE (by volume): Not established

Note: These physical data are typical values based on material tested but may vary from sample to sample.

Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SOLUBILITY: Dispersible **pH:** 3.6

BULK DENSITY: 9.09 – 9.59 lbs/gal.

BOILING POINT: ~212°F (solvent)

EVAPORATION RATE: Not established

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Avoid Extreme temperatures, <32°F or >100°F.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products if stored and handled as prescribed / indicated.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀: >500, <2,000 mg/kg (female)

Eye Irritation: Causes mild irritation

Inhalation LC₅₀: >5.1 mg/L

Carcinogenic Potential: Dimethenamid has indicated possible carcinogenic effect in animal studies.

Acute Dermal LD₅₀: >4,000 mg/kg

Skin Irritation: Severely irritating

Skin sensitization: Causes sensitization

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL SUMMARY: This pesticide is toxic to aquatic invertebrates. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

13. DISPOSAL CONSIDERATIONS (Continued)

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned, or destroyed.

Non-Refillable Containers: Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state and federal regulations.

Refillable Containers: Do not reuse the container except for refill in accordance with a valid United Suppliers repackaging or toll packaging agreement. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinseate into application equipment or rinseate collection system. Repeat this rinsing process two more times.

Refer to the product label for rinsing instructions specific to non-refillable and refillable containers and various container sizes.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS: Not regulated by DOT for ground transportation

UN NUMBER: Not Applicable

DOT PACKING GROUP: Not Applicable

DOT PRIMARY/SECONDARY LABEL: None

DOT PRIMARY/SECONDARY PLACARD: None

15. REGULATORY INFORMATION

NFPA RATINGS: Least = 0	Slight = 1	Moderate = 2	High = 3	Severe = 4
Ratings for this product: Health – 2	Flammability – 0	Instability – 1	Special Hazards – None Specified	

SARA Title III Hazard Category:	Immediate	<u> Y </u>	Fire	<u> N </u>	Sudden Release of Pressure	<u> N </u>
	Delayed	<u> Y </u>	Reactive	<u> N </u>		

Reportable Quantity (RQ) under U.S. CERCLA: Ethylene Glycol, 5000 lbs.; Naphthalene, 100 lbs.

SARA, Title III, Section 313: Atrazine, CAS #1912-24-9; Ethylene Glycol, CAS #107-21-1; Naphthalene, CAS #91-20-3

CA Proposition 65: This product contains a chemical(s) known to the state of California to cause cancer.

16. OTHER

Date of Issue: 05/20/12 Supersedes: 09/05/2008

DISCLAIMER OF LIABILITY

United Suppliers, Inc. makes no warranty, representation, or guarantee as to the accuracy, sufficiency, or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity, and suitability of his own use, handling, and disposal of this product. Since actual use by others is beyond our control; no warranty, expressed or implied, is made by United Suppliers, Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of this product, nor does United Suppliers, Inc. assume liability arising out of the use by others of this product referred to herein. The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other materials or in any process.