



SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

1. IDENTIFICATION

PRODUCT NAME: Ventas
DESCRIPTION: A liquid herbicide
EPA REG. NO.: 91234-251
COMPANY: Atticus, LLC
IDENTIFICATION: 940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

May cause an allergic skin reaction (H317)
Suspected of causing cancer (H351)
May cause damage to blood, kidney, liver, testes, and central nervous system through prolonged or repeated exposure (H373)
Causes eye irritation (H320)
May cause respiratory irritation (H335)
Harmful if swallowed (H302)
Harmful if inhaled (H332)
Very toxic aquatic life with long lasting effects (H400+H410)



HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Skin sensitization	1	None	-
Carcinogenicity	2		
Specific target organ toxicity, repeated exposure	2	Environmental Hazards	Category
Serious eye damage/irritation	2B	Hazardous to the aquatic environment, acute	1
Specific target organ toxicity, single exposure	3	Hazardous to the aquatic environment, chronic	1
Acute toxicity, oral	4		
Acute toxicity, inhalation	4		

HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow to come in contact with an oxidizing agent. Hazardous chemical reaction may occur.

PRECAUTIONARY STATEMENTS

Obtain, read and follow all safety instructions before use. Do not breathe mist/vapors/spray. Wash hands thoroughly after handling. Do not touch eyes. Do not eat, drink or smoke when using this product. Use only outdoors or with adequate ventilation. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. (P203+P260+P264+P265+P270+P271+P272+P280)

IF ON SKIN: Wash with plenty of water. **If skin irritation or rash occurs:** Get medical help. Specific treatment (see Section 4 for additional medical information). Take off contaminated clothing and wash it before reuse. (P302+P352+P333+P317+P321+P362+P364)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If eye irritation persists:** Get medical help. (P305+P351+P338+P337+P317)

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help. (P304+P340+P317)

IF SWALLOWED: Get medical help. Rinse mouth (P301+P317+P330)

IF exposed or concerned, get medical advice. (P318)

Avoid release to the environment. Collect spillage. (P273+P391)

Store in a well-ventilated place. Keep container tightly closed. Store locked up. (P403+P233+P405)

Dispose of contents / container in accordance with local regulations. Refer to the product label for specific disposal instructions. (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Acetochlor	2-chloro-N-(ethoxymethyl-N-(2-ethyl-6-methylphenyl) acetamide	34256-82-1	75.9%
Naphthalene	Naphthalene	91-20-3	≤1.0%

NOTE: Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information. For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted).

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 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a 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. Do not give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

Flash Point: >230°F

Flammability Limits: Not determined

Fire and Explosion Hazards: Minimize the use of water to prevent environmental contamination.

Extinguishing Medium: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Fire Fighting Equipment: Firefighters should be equipped with NIOSH approved self-contained positive pressure breathing apparatus and full bunker gear.

Fire Fighting Instructions: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Cool closed containers exposed to fire with water spray.

Hazardous Combustion Products: In the event of fire the following may be released: carbon monoxide (CO), carbon dioxide (CO₂), nitrogen oxides (NO_x), hydrogen chloride (HCl)

NFPA Ratings: Health – 2 / Flammability – 1 / Reactivity – 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined area. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

Spill Cleanup: Dike spill using suitable absorbent or impervious materials such as sand or clay. Collect and contain contaminated absorbent and place in an appropriate container for disposal. Pump any free liquid into an appropriate closed container and decontaminate tools and equipment following cleanup. Collect washings for disposal.

7. HANDLING AND STORAGE

Handling: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid breathing vapor or spray mist.

Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Naphthalene	91-20-3	10 ppm (TWA)	2008	ACGIH
Naphthalene	91-20-3	50 mg/m ³ /10 ppm (REL)	2005	NIOSH
Napthalene	91-20-3	75 mg/m ³ /15 ppm (STEL)	2005	NIOSH
Napthalene	91-20-3	50 mg/m ³ /10 (PEL)	02 2006	OSHA Z1
Napthalene	91-20-3	50 mg/m ³ /10 ppm (TWA)	06 2008	TN OEL
Napthalene	91-20-3	0.5 mg/3/0.1 ppm (TWA PEL)	10 2014	US CA OEL
Napthalene	91-20-3	75 mg/m ³ /15 ppm (STEL)	01 2019	TN OEL
Napthalene	91-20-3	10 ppm (TLV)		OES

OES: "Occupational Exposure Standard"

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants, chemical-resistant gloves made of Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, or Viton ≥ 14 mils, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing, or loading. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N*, R, or P filter, OR a NIOSH-approved elastomeric particulate respirator with any N*, R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

General: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove clothing/PPE 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	transparent amber liquid
Odor:	bitter
Melting/freezing point:	not available
Boiling point/Boiling range:	not available
Flammability:	>230°F; >110°C
Flammability limits (upper/lower):	not available
Flash point (cc):	>230°F
Auto-ignition temperature:	not available
Decomposition temperature:	not available
pH:	4.5-5.5
Viscosity:	50.8 cP at 24°C 21.1 cP at 40°C
Solubility:	not available
Partition coefficient:	not available
Vapor pressure:	not available
Density:	9-10 lbs/gal
Relative vapor density:	not available
Particle characteristics:	not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

CHEMICAL STABILITY: Stable at normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Incompatible with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition products expected under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Information presented below is from testing done on an identical or substantially similar product:

ORAL TOXICITY (rat LD₅₀): >1,849 mg/kg

DERMAL TOXICITY (rat LD₅₀): >5,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): 1.4 mg/L (4-hour)

EYE IRRITATION: Irritating to eyes (rabbit)

SKIN IRRITATION: Slight irritant (rabbit)

SKIN SENSITIZATION: Skin sensitizer (guinea pig)

CARCINOGENICITY:

EPA: Suggestive Evidence of Carcinogenic Potential (Acetochlor)

ACGIH: Group A3 (Naphthalene)

NTP: Naphthalene

IARC: 2B (Naphthalene)

OSHA: Not Listed

CARCINOGENICITY TOXICITY: Acetochlor caused an increased incidence of tumors in rats and for mice in the liver. Only above the MTD (maximum tolerated dose). The observed effects do not appear to be relevant for humans.

NEUROTOXICITY: Rats showed neurological clinical signs (hunched posture, piloerection) and decreased motor activity after a single large dose (1500 mg/kg) of acetochlor, however a repeated dose of neurotoxicity study found no significant neurological effects.

11. TOXICOLOGICAL INFORMATION (CONT.)

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: May cause respiratory irritation.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE TOXICITY: In animals, effects have been reported on the following organs: blood, kidney, liver, testes, central nervous system

REPRODUCTIVE TOXICITY: Reproductive and developmental effects in rats only in the presence of significant maternal toxicity. No developmental effects in rabbits. Testicular damage in dogs only in the presence of substantial systemic toxicity.

12. ECOLOGICAL INFORMATION

This pesticide is toxic to fish and plants.

The following information is for the active ingredient, acetochlor:

AQUATIC TOXICITY

Rainbow Trout: (LC₅₀): 0.38 mg/L; (NOAEC): 0.13 mg/L

Fathead Minnow (NOAEC): 0.147 mg/L

Daphnia Magna (EC₅₀): 8.2 mg/L; (NOAEC): 0.0221 mg/L

Sheepshead Minnow (96-hr LC₅₀): 2.1 mg/L; (NOAEC) 0.74 mg/L

Eastern Oyster (EC₅₀): 3.82 mg/L

Mysid Shrimp (EC₅₀): 2.2 mg/L; (NOAEC): 0.48 mg/L

Duckweed (EC₅₀): 0.0034 mg/L

Freshwater Green Algae (EC₅₀): 0.00143 mg/L

AVIAN TOXICITY

Northern Bobwhite Quail (LD₅₀): 1,567 mg/kg-bw

Northern Bobwhite Quail (LC₅₀): >5,620 mg/kg-diet

Mallard Duck (NOAEC): 30 mg/L

OTHER TOXICITY

Honeybee (LD₅₀): 1,715 µg ai/bee

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non-refillable containers. Do not reuse or refill. See container labeling for complete disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

Not regulated

IMDG:

Containers ≤ 1.3 gal. (5 L) in stronger out packaging:

Not regulated

Containers > 1.3 gal. (5 L) or containers not in stronger outer packaging:

Shipped internationally by vessel:
UN3082, Environmentally hazardous substance, liquid, N.O.S. (contains acetochlor), 9, PG III, Marine Pollutant

IATA:

Containers > 1.3 gal. (5 L) or containers not in stronger outer packaging:

Shipments by air: UN3082, Environmentally hazardous substance, liquid, N.O.S. (contains acetochlor), 9, PG III

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling 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. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed or inhaled. Do not get in eyes, on skin or on clothing. Wear protective eyewear. Wear coveralls worn over short-sleeved shirt and short pants, socks, chemical-resistant footwear, and waterproof gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

NON-TARGET ORGANISM ADVISORY

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site.

PHYSICAL/CHEMICAL HAZARDS

Do not mix or allow to come in contact with an oxidizing agent. Hazardous chemical reaction may occur.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

SARA Title III – Section 311/312 Hazard Categories

Immediate (Acute) Delayed (Chronic)

SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients

Naphthalene (CAS No. 91-20-3)

CERCLA Reportable Quantity (RQ) –

Naphthalene (CAS No. 91-20-3): 100 lbs.

CALIFORNIA PROP 65 STATUS –

⚠ WARNING: This product can expose you to chemicals including acetochlor and naphthalene, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 2.0

Effective Date: 6/25/2025