

TrueSet™ II

SAFETY DATA SHEET EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

1. IDENTIFICATION

PRODUCT NAME: TrueSet II
DESCRIPTION: A liquid herbicide
EPA REG. NO.: 91234-220
COMPANY IDENTIFICATION: Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

May cause an allergic skin reaction (H317)
Causes skin irritation (H315)
Causes eye irritation (H320)
May cause respiratory irritation (H335)
Harmful if swallowed or inhaled (H302+H332)
Very toxic aquatic life with long lasting effects (H400+H410)



HAZARD CLASSIFICATION

Health Hazards

	Category
Skin sensitization	1, 1A, 1B
Skin corrosion/irritation	2
Serious eye damage/irritation	2B
Specific target organ toxicity, repeated exposure	3
Acute toxicity, oral	4
Acute toxicity, inhalation	4

Physical Hazards

None

Environmental Hazards

	Category
Hazardous to the aquatic environment, acute	1
Hazardous to the aquatic environment, chronic	1

HAZARDS NOT REQUIRING CLASSIFICATION

None

PRECAUTIONARY STATEMENTS

Avoid breathing mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed skin thoroughly after handling. Wear protective gloves. Use only outdoors or in a well-ventilated area. Do not eat, drink, or smoke when using this product.

(P261+P272+P264+P280+P271+P270)

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. (P301+P312+P330)

IF ON SKIN: Wash with plenty of water and soap after handling. **If skin irritation or rash occurs:** Get medical advice/attention. Specific treatment (see Section 4 for additional medical information). Take off contaminated clothing and wash it before reuse. (P302+P352+P333+P313+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 advice/attention. (P305+P351+P338+P337+P313)

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center or doctor if you feel unwell. (P304+P340+P312)

Avoid release to the environment not in accordance with the product label. 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	42-45%
Clopyralid, monoethanolamine salt	2-Pyridinecarboxylic acid, 3,6-dichloro-, compd. with 2-aminoethanol (1:1)	57754-85-5	4-5%
Flumetsulam	[1,2,4]Triazolo[1,5-a]pyrimidine-2-sulfonamide, N-(2,6-difluorophenyl)-5-methyl-	98967-40-9	1-2%
Dichlormid	Acetamide, 2,2-dichloro-N,N-di-2-propen-1-yl-	37764-25-3	3-4%

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.

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 ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

5. FIREFIGHTING MEASURES

Flash Point: >100°C

Flammability Limits: Not determined

Fire and Explosion Hazards: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Extinguishing Medium: Dry chemical, foam, carbon dioxide (CO₂), and water spray (fog) or regular foam. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal. Water spray, fog or regular foam.

Fire Fighting Equipment: Firefighters should be equipped with 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. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

Hazardous Combustion Products: Carbon oxides and hydrogen chloride.

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 entry into waterways, sewers, basements or confined areas.

Spill Cleanup:

Small Quantities: Absorb in earth, sand, or absorbent material.

Large Quantities: Contain spillage with sand bags or other means. Dig up heavily contaminated soil. Collect in containers for reclamation or disposal. Refer to section 7 for types of containers. Wash spill area with detergent and water. Minimize use of water to prevent environmental contamination. Place leaking containers in oversize leakproof drums for transport.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

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

Engineering Controls: Ensure adequate ventilation, especially in confined areas, showers eyewash stations, and ventilation systems.

Protective Clothing: Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants, chemical-resistant gloves made of barrier laminate 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	off-white liquid
Odor:	odorless
Melting/freezing point:	not determined
Boiling point/Boiling range:	not determined
Flammability:	not determined
Flammability limits (upper/lower):	not determined
Flash point:	>100°C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	5.53 @ 17°C
Viscosity:	249.43 mPa @ 20°C
Solubility:	not determined
Partition coefficient:	not determined
Vapor pressure:	not determined
Density:	1.104 g/mL @ 20°C
Relative vapor density:	not determined
Particle characteristics:	not determined

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Elevated temperature, storage near to reactive materials.

CHEMICAL STABILITY: Stable at normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating and toxic gases and vapors, carbon oxides, hydrogen chloride.

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): 1,771 mg/kg (calculated)

DERMAL TOXICITY (rat LD₅₀): 8,800 mg/kg (calculated)

INHALATION TOXICITY (rat LC₅₀): 3.60 mg/L (4-hour) (calculated)

EYE IRRITATION: Moderately irritating to the eyes.

SKIN IRRITATION: May cause irritation.

SKIN SENSITIZATION: May cause sensitization by skin contact.

Information presented below is for the active ingredient acetochlor:

CARCINOGENICITY:

EPA: Suggestive Evidence of Carcinogenic Potential (Acetochlor)

NTP: Not listed

IARC: Not listed

STOT – SINGLE EXPOSURE TOXICITY: May cause disorder and damage to the respiratory system.

REPRODUCTIVE TOXICITY: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

This pesticide is highly toxic to aquatic organisms on an acute basis.

The following information is for the active ingredient, acetochlor:

AQUATIC TOXICITY

Rainbow Trout (96-hour LC_{50}): 0.36-1.2 mg/L
Bluegill sunfish (96-hour LC_{50}): 1.3 mg/L
Daphnia (48-hour EC_{50}): 8.6-16 mg/L; (NOEC): 0.0221 mg/L
Algae (96-hour EC_{50}): 0.27-1.49 µg/L
Eastern oyster (96-hour EC_{50}): 4.2 mg/L
Fish (NOEC): 0.13 mg/L

AVIAN TOXICITY

Mallard Duck (single dose LD_{50}): 5,620 mg/kg
Bobwhite Quail (single dose, LC_{50}): 928-1,560 mg/kg

TERRESTRIAL INVERTEBRATE TOXICITY

Honeybee (48-hour LD_{50}): > 100 µg/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. See container labeling for complete disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

Not regulated

IMDG:

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

Not regulated

Containers > 1.3 gal. (5 L) or containers not in strong 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) in strong out packaging:

Not regulated

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

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

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

CAUTION. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

This product 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.

Acetochlor demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the groundwater is shallow, may result in groundwater contamination.

Flumetsulam and clopyralid are known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this product where soils are permeable, particularly where the water table is shallow, may result in leaching to ground water.

Caution should be exercised when handling this product at mixing and loading sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Acetochlor has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices should be followed to minimize the potential for dissolved runoff and/or runoff erosion.

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

Not listed

CERCLA Reportable Quantity (RQ) –

Not listed

CALIFORNIA PROP 65 STATUS –

⚠ WARNING: This product can expose you to chemicals including acetochlor, 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.



Manufactured for:
Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

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: 1.1

Effective Date: 06/15/2021



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