

SAFETY DATA SHEET

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



1. IDENTIFICATION

PRODUCT NAME: Alligare Prescott Herbicide

DESCRIPTION: A water soluble liquid pyridine herbicide.

EPA Reg. No.: 81927-30

COMPANY IDENTIFICATION:

Alligare, LLC

13 N. 8th Street

Opelika, AL 36801

2. HAZARD IDENTIFICATION

DANGER

Causes serious eye damage (H318)

May cause an allergic skin reaction (H317)

Harmful if swallowed or inhaled (H302+H332)

Flammable liquid and vapor (H226)



HAZARD CLASSIFICATION

Health Hazard

Eye Damage / Irritation

Sensitization-Skin

Acute Toxicity, Inhalation

Acute Toxicity, Oral

Category

1

1

4

4

Physical Hazards

Flammable Liquids

Category

3

Environmental Hazards

None

Category

-

HAZARDS NOT REQUIRING CLASSIFICATION

None.

PRECAUTIONARY STATEMENTS

Keep away from heat, hot surfaces, open flames and other ignition sources. No smoking. (P210)

Wear protective gloves / protective clothing / eye protection / face protection. Refer to Section 8 for specific PPE requirements. (P280)

Avoid breathing mist/vapors/spray. (P261)

Use only outdoors or in a well-ventilated area. (P271)

Contaminated work clothing should not be allowed out of the workplace. (P272)

Wash hands and skin thoroughly after handling. Do not eat, drink or smoke when using this product. (P264+P270)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor. Refer to Section 4 for additional medical information. (P305+P351+P338+P310)

IF SWALLOWED: Call a Poison Control Center or doctor if you feel unwell. Rinse mouth. (P301+P312+P330)

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)

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Refer to Section 4 for additional medical information. 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)

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Composition</u>
Triclopyr TEA	3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt	57213-69-1	33.0%
Clopyralid TEA	3,6-dichloro-2-pyridinecarboxylic acid, triethylamine salt	57754-85-5	12.1%

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 1-800-424-9300 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 immediately with plenty of water for 15-20 minutes. If skin irritation or rash occurs: Get medical attention/advice.

IF SWALLOWED: Call a poison control center or doctor if you feel unwell. 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. 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 if you feel unwell.

NOTE TO PHYSICIAN: Probably mucosal damage may contraindicate the use of gastric lavage.

5. FIREFIGHTING MEASURES

Flash Point (CC): 54.6°C (130.3°F)

Flammable Limits (LFL-UFL): Unknown

Fire and Explosion Hazards: May thermally decompose in fire releasing irritating and toxic gasses.

Extinguishing Medium: Foam, dry chemical, CO₂, or water spray.

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.

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

Hazardous Combustion Products: Hydrogen chloride, oxides of nitrogen, chlorinated pyridine, phosgene.

NFPA Ratings: Health – 3 / Flammability – 2 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

Small Spills: Absorb using sand, vermiculite or other inert absorbent. Place contained material in appropriate container for disposal.

Large Spills: Dike spillage and recover and retain as much free liquid as possible for reuse. Pick up remainder with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. After removal, thoroughly clean contaminated area with water. Collect wash water for approved disposal.

7. HANDLING AND STORAGE

Handling: Do not get in eyes or on clothing. Avoid breathing vapor or spray mist. Use only in a well-ventilated area. Wear suitable personal protective clothing and equipment. Wash hands 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. As soon as possible, wash thoroughly and change into clean clothing. Keep away from food, drink and animal feed.

Storage: Combustible liquid, store in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Proper ventilation is required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Local mechanical exhaust ventilation may be required. Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

For containers of 5 gallons or more: Do not open pour product from this container. A mechanical system (such as probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS

Protective Clothing: Wear long-sleeved shirt and long pants, shoes, socks, chemical resistant gloves (such as barrier laminate, butyl, nitrile or neoprene rubber, polyvinyl or Viton), and protective eyewear. When handling in enclosed areas or areas with limited ventilation, use a respirator with either an organic vapor cartridge with a pre-filter approve for pesticides (MSHA/NIOSH TC-23C) or a canister approved for pesticides (MSH/NIOSH TC-14G).

General: Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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:	clear liquid	pH:	7.0-7.5
Odor:	faint alkaline-like	Kinematic viscosity:	14.8 cSt (20°C)
Melting/freezing point:	not available		6.5 cSt (40°C)
Boiling point/Boiling range:	not available	Solubility:	miscible
Flammability:	not available	Partition coefficient:	not available
Flammability limits (upper/lower):	not available	Vapor pressure:	not available
Flash point:	54.6°C	Density:	1.12-1.16 g/mL
Auto-ignition temperature:	not available	Relative vapor density:	not available
Decomposition temperature:	not available	Particle characteristics:	not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid temperatures above 40°C (105°F) and below 6°C (40°F)

CHEMICAL STABILITY: Combustible. Stable under normal use and storage conditions. May decompose if heated.

SUBSTANCES TO AVOID: Strong acids and oxidizing materials.

HAZARDOUS REACTIONS: This product is chemically stable. No hazardous reactions if stored and handled as prescribed/indicated.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, oxides of nitrogen, and phosgene when burned.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity values from a similar but not identical formulation:

ORAL TOXICITY (rat LD₅₀): 1,500 mg/kg

DERMAL TOXICITY (rat LD₅₀): > 2,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 1.06 mg/L (4-hour)

EYE IRRITATION: Rabbit – Severely irritating, may cause moderate corneal injury that is slow to heal

SKIN IRRITATION: Rabbit – Slightly irritating

SKIN SENSITIZATION: Guinea Pig – Potential sensitizer

CARCINOGENICITY:

EPA: Not Listed

ACGIH: Not Listed

IARC: Not Listed

NTP: Not Listed

OSHA: Not Listed

MUTAGENIC TOXICITY: Little evidence of mutagenic effects during *in vivo* or *in vitro* studies.

REPRODUCTIVE TOXICITY: No evidence in animal studies.

DEVELOPMENTAL TOXICITY / TERATOGENICITY: Birth defects and developmental effects only at maternally toxic doses.

12. ECOLOGICAL INFORMATION

Do not apply this product directly to water, or to areas where surface water is present, or to intertidal areas between the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Triclopyr has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clopyralid where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table of an underlying aquifer is shallow, or to soils containing sinkholes over limestone bedrock, severely fractured surfaces, and substrates which would allow direct introduction into an aquifer.

FISH TOXICITY: (triclopyr amine)
96 hour LC50, Rainbow trout – 240 ppm
96 hour LC50, Bluegill – 450 ppm

AVIAN TOXICITY: (triclopyr amine)
Oral LD50, Bobwhite quail – unknown
Oral LD50, Mallard duck – 2,000 mg/kg

FISH TOXICITY: (clopyralid acid)
96 hour LC50, Rainbow trout – > 100 mg/L
96 hour LC50, Bluegill – > 100 mg/L

AVIAN TOXICITY: (clopyralid acid)
Oral LD50, Bobwhite quail – > 2,000 mg/kg
Oral LD50, Mallard duck – 1,400 mg/kg

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container, do not reuse or refill this container. Refer to product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

UN Number:	UN1993
Proper Shipping Name:	Flammable liquid, N.O.S. (contains triethylamine, ethanol)
Transport Hazard Class:	3
Packing Group:	III
Hazard Zone:	A
Marine Pollutant:	No
Hazardous Substance RQ:	None
Labels / Placards:	US-DOT: Combustible Liquid ¹ IMDG, IATA: Class 3 Flammable Liquid ²
Emergency Guide:	128 (NAERG – North American Emergency Response Guide)
¹ US-DOT Note:	Not regulated for “ground-only” transport when shipped in containers <119 gal (450 Liters). If shipped in bulk: NA1993, Combustible Liquid, N.O.S. (contains triethylamine, ethanol), PG III.
² IMDG / IATA Note:	Not regulated when shipped in single or inner packaging ≤1.3 gal (5 L).

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

DANGER. Corrosive. Causes irreversible eye damage. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if swallowed or inhaled. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist.

See inside label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

ENVIRONMENTAL HAZARDS

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.

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

Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clopyralid where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table or an underlying aquifer is shallow, or to soils containing sinkholes over limestone bedrock, severely fractured surfaces, and substrates which would allow direct introduction into an aquifer. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

15. REGULATORY INFORMATION (CONT.)

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, Delayed, Fire

SARA Title III – Section 312 Threshold Planning Quantity

N/A

SARA Title III – Section 313 Reportable Ingredients

Triclopyr TEA (CAS #57213-69-1): 33.0%

CERCLA –

EDTA (CAS #60-00-4): 2.5% RQ 5,000 lbs.

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the state of California to cause cancer or reproductive toxicity.

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 INFORMATION IN THIS SDS IS BASED ON DATA AVAILABLE AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. CONTACT ALLIGARE, LLC TO CONFIRM IF YOU HAVE THE MOST CURRENT MSDS. JUDGMENTS AS TO THE SUITABILITY OF THE INFORMATION HEREIN FOR THE INDIVIDUAL'S OWN USE OR PURPOSES IS NECESSARILY THE INDIVIDUAL'S OWN RESPONSIBILITY. ALTHOUGH REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF SUCH INFORMATION, ALLIGARE, LLC EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF SUCH INFORMATION FOR APPLICATION TO THE INDIVIDUAL'S PURPOSES OR THE CONSEQUENCES OF ITS USE.

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.

SDS Version: 3.0

Effective Date: 06/28/2018