

# SAFETY DATA SHEET

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



## 1. IDENTIFICATION

**PRODUCT NAME:** Alligare Triclopyr 3

**DESCRIPTION:** A liquid herbicide.

**EPA Reg. No.:** 81927-13

**COMPANY IDENTIFICATION:**

**Alligare, LLC**

13 N. 8<sup>th</sup> Street

Opelika, AL 36801

## 2. HAZARD IDENTIFICATION

### DANGER

Causes serious eye damage (H318)

Harmful if swallowed or inhaled (H302+H332)

May cause an allergic skin reaction (H317)

May be harmful in contact with skin (H313)

Flammable liquid and vapor (H226)



### HAZARD CLASSIFICATION

Health Hazard	Category	Other Hazards	Category
Eye Damage / Irritation	1	Flammable Liquids	3
Acute Toxicity, Oral	4		
Acute Toxicity, Inhalation	4		
Acute Toxicity, Dermal	5		
Sensitization, Skin	1B		

### PRECAUTIONARY STATEMENTS

Wear eye protection and protective gloves. Avoid breathing fumes or spray. Use only outdoors or in a well-ventilated area. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. (P280+P261+P271+P264+P270+P272)

**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. (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.

**IF ON SKIN:** Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. (P302+P352+P333+P313+P362+P364)

Keep away from flames and hot surfaces. No smoking. (P210)

**IN CASE OF FIRE:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish. (P370+P378)

Store in a well-ventilated place and keep cool. (P403 + P235)

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
Triclopyr	3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt	57213-69-1	44.4%
Triethylamine	<i>N,N</i> -Diethylethanamine	121-44-8	16.25%
Ethylenediaminetetraacetic Acid (EDTA)	<i>N,N'</i> -1,2-Ethanediybis-[ <i>N</i> -(carboxymethyl)glycine] trisodium salt	60-00-4	2.5%

#### 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:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or poison control center.

**IF SWALLOWED:** Immediately call a doctor or poison control center. Rinse mouth.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a doctor or poison control center if you feel unwell.

**IF ON SKIN OR CLOTHING:** Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

#### 5. FIREFIGHTING MEASURES

**Fire and Explosion Hazards:** May decompose in fire due to thermal decomposition, releasing irritating and toxic gases.

**Means of Extinction:** Use water spray, CO<sub>2</sub>, foam or dry chemical.

**Fire Fighting Instructions:** Evacuate area and fight fire upwind from a safe distance to avoid possible hazardous fumes and decomposition products. Dike runoff and do not allow runoff to enter sewers, storm drains or waterways. Foam and dry chemical extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

**Firefighting Equipment:** Self-contained breathing apparatus with full face piece 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

Clean up spills immediately observing the precautions in Section 8 of this SDS. Isolate the hazard area and keep unnecessary and unprotected personnel from entering. Prevent material from contaminating soil or from entering sewage and drainage systems and bodies of water.

**Small Spills:** Absorb small spills on sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal.

**Large Spills:** Dike large spills using absorbent or impervious materials such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify, scrape up and place in an appropriate container for disposal. After removal, flush contaminated area thoroughly with water, observing all environmental regulations. Recover wash liquid with additional absorbent and place in container for disposal.

#### 7. HANDLING AND STORAGE

**Handling:** Do not allow to come into contact with skin, eyes and clothing. 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. 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 in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a secured storage area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**Protective Clothing:** Long-sleeved shirt, long pants and shoes plus socks, protective eyewear, and chemical resistant gloves ( $\geq$  14 mils) such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber.

**General:** Wash thoroughly with soap and water after handling. Discard clothing and other absorbent materials that have been heavily contaminated with this product; do not reuse them. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light pink liquid	<b>pH:</b>	8.5 – 9.0
<b>Odor:</b>	Slight ammonia-like	<b>Kinematic viscosity:</b>	not available
<b>Melting/freezing point:</b>	not available	<b>Solubility:</b>	soluble
<b>Boiling point/Boiling range:</b>	not available	<b>Partition coefficient:</b>	not available
<b>Flammability:</b>	not available	<b>Vapor pressure:</b>	not available
<b>Flammability limits (upper/lower):</b>	not available	<b>Density:</b>	1.14 g/mL @ 68°F
<b>Flash point:</b>	43.3°C (110°F)	<b>Relative vapor density:</b>	not available
<b>Auto-ignition temperature:</b>	not available	<b>Particle characteristics:</b>	not available
<b>Decomposition temperature:</b>	not available		

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Temperatures above 105°F (40°C) and below 40°F (6°C)

**CHEMICAL STABILITY:** Stable under normal use and transportation situations.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat may cause decomposition generating hydrogen chloride, oxides of nitrogen, chlorinated pyridine and / or phosgene.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Strong acids and oxidizing agents.

**HAZARDOUS REACTIONS:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**ORAL TOXICITY (rat LD<sub>50</sub>):** > 1,500 mg/kg

**DERMAL TOXICITY (rat LD<sub>50</sub>):** > 2,000 mg/kg

**INHALATION TOXICITY (rat LC<sub>50</sub>):** > 2.5 mg/L (4-hour)

**EYE IRRITATION:** Rabbit – Corrosive

**SKIN IRRITATION:** Rabbit – Slightly irritating

**SKIN SENSITIZATION:** Guinea Pig – Potential sensitizer after repeated exposure to concentrate

**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.

## 12. ECOLOGICAL INFORMATION

This herbicide is injurious to plants at extremely low concentrations. Nontarget plants may be adversely affected from drift and run-off. 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 wash water. Under certain conditions, oxygen depletion or loss due may result due to decomposition of dead plants, which may contribute to fish suffocation.

This chemical 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.

## 13. DISPOSAL CONSIDERATIONS

**Do not contaminate water, food or feed by disposal.**

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by 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. 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 the product label for specific container handling instructions.

## 14. TRANSPORT INFORMATION

<b>UN Number:</b>	UN1993
<b>Proper Shipping Name:</b>	Flammable liquid, N.O.S. (contains triethylamine)
<b>Transport Hazard Class:</b>	3
<b>Packing Group:</b>	III
<b>Hazard Zone:</b>	A
<b>Marine Pollutant:</b>	No
<b>Hazardous Substance RQ:</b>	None
<b>Labels / Placards:</b>	US-DOT: Combustible Liquid <sup>1</sup> IMDG, IATA: Class 3 Flammable Liquid <sup>2</sup>
<b>Emergency Guide:</b>	128 (NAERG – North American Emergency Response Guide)
<sup>2</sup> <b>US-DOT Note:</b>	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), PG III.
<sup>3</sup> <b>IMDG / IATA Note:</b>	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. Harmful if absorbed through skin or swallowed. Do not get in eyes or on clothing.

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

##### ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This chemical 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.

For aquatic uses, under certain conditions, treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants, which may contribute to fish suffocation. This loss can cause fish suffocation. Therefore, to minimize this hazard, do not treat more than one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency for fish and game before applying to public water to determine if a permit is needed.

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

Triethylamine (CAS No. 121-44-8): 16.25%

#### CERCLA –

Triethylamine (CAS No. 121-44-8): 16.25%, RQ: 5,000

ETDA (CAS No. 60-00-4): 2.5%, RQ: 5,000

#### 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: 08/02/2018