

SAFETY DATA SHEET

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



1. IDENTIFICATION

PRODUCT NAME: Alligare Flagstaff™ Herbicide

DESCRIPTION: A liquid herbicide.

EPA Reg. No.: 81927-61

COMPANY IDENTIFICATION:

Alligare, LLC
13 N. 8th Street
Opelika, AL 36801

2. HAZARD IDENTIFICATION

DANGER

Causes eye irritation (H320)

Causes mild skin irritation (H316)

May damage fertility or the unborn child (H360)



HAZARD CLASSIFICATION

Health Hazard	Category	Other Hazards	Category
Eye Damage / Irritation	2B		
Skin Damage / Irritation	3		
Reproductive Toxicity	1B		

PRECAUTIONARY STATEMENTS

Obtain special instructions before use and do not handle until all safety precautions have been read and understood. Wear protective clothing, eye protection and waterproof gloves. Wash hands and exposed skin thoroughly after handling. (P201+P202+P280+P264)

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 attention. (P305+P351+P338+P337+P313)

IF ON SKIN: If skin irritation occurs: Get medical advice / attention. (P332+P313)

IF EXPOSED OR CONCERNED: Get medical advice. (P308+P313)

Store locked up. (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
Fluroxypyr	1-methylheptyl ester	81406-37-3	45.5%
1-methyl-2-pyrrolidone	-	872-50-4	5 – 12%
Naphthalene	-	91-20-3	0.05 – 0.5%

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: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present and easy to do, after the first five minutes. Continue rinsing. Call a doctor or poison control center for treatment advice.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazards: Using direct streams of water may spread the fire. May decompose in fire due to thermal decomposition, releasing irritating and toxic gases.

Means of Extinction: Use water fog or fine spray, CO₂, foam or dry chemical. Alcohol-resistant (ATC) foams are preferred.

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. Use water spray to cool fire exposed containers.

Firefighting Equipment: Self-contained breathing apparatus with full face piece and full bunker gear.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, hydrogen fluoride, hydrogen chloride and nitrogen oxides.

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

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: Avoid contact with 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.

Storage: Store above 10°F in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed.

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: Coveralls, chemical resistant gloves made of any waterproof material, and shoes plus socks.

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

Appearance: Pale yellow liquid

Odor: Mildly bitter

pH: 4.0-6.0

Density: 1.060 g/cm³ @ 25°C (8.75-8.85 lbs/gal)

Flashpoint (Closed Cup): Not Flammable

Flammable Limits (LFL-UFL): No data

Solubility in Water: No data

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Temperatures below 10°F

CHEMICAL STABILITY: Stable under normal use and transportation situations. Decomposes at elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat may cause decomposition generating gasses and high pressures in closed systems.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents.

HAZARDOUS REACTIONS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

DERMAL TOXICITY (rat LD₅₀): > 5,050 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 2.5 mg/L (4-hour)

EYE IRRITATION: Minimally Irritating

SKIN IRRITATION: Slightly irritating

SKIN SENSITIZATION: Not a sensitizer

CARCINOGENICITY:

EPA: Not Listed

ACGIH: Not Listed **NTP:** Not Listed

IARC: Not Listed **OSHA:** Not Listed

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

REPRODUCTIVE TOXICITY: One of the minor components of this product has caused toxic effects to the fetus in laboratory animals at high dose levels with either mild or no detectable maternal toxicity.

12. ECOLOGICAL INFORMATION

This product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and non-target plants. 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.

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.

CONTAINER DISPOSAL: This product may be distributed in either nonrefillable or refillable containers. Refer to the product label for specific container handling instructions.

14. TRANSPORT INFORMATION

US DOT (shipped by land):

Containers < 119 gal (< 882 lbs.): Not regulated by DOT.

Containers ≥ 119 gal (≥ 882 lbs.):

DOT Shipping Name: UN3082, Environmentally Hazardous Substance, N.O.S. (fluroxypyr), 9, PG III

DOT Emergency Response Guide: 171

IMDG / IATA (shipped by vessel or air):

Proper Shipping Name: UN3082, Environmentally Hazardous Substance, N.O.S. (fluroxypyr), 9, PG III, Marine Pollutant

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. Avoid contact with eyes or clothing.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and non-target plants. 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. 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, Delayed

SARA Title III – Section 312 Threshold Planning Quantity

N/A

SARA Title III – Section 313 Reportable Ingredients

None

CERCLA –

N-methyl-2-pyrrolidone (CAS No. 872-50-4): 5-12%

Naphthalene (CAS No. 91-20-3): 0.05-0.5%, RQ: 100

CALIFORNIA PROP 65 –

⚠ NOTICE: This product can expose you to fluroxypyr, which is known to the State of California to cause birth defects or other reproductive harm. 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 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: 1.0

Effective Date: 10/24/2017