

# SAFETY DATA SHEET

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



## 1. IDENTIFICATION

**PRODUCT NAME:** Alligare Fluridone RTU

**DESCRIPTION:** A liquid herbicide.

**EPA Reg. No.:** 81927-51

**COMPANY IDENTIFICATION:**

**Alligare, LLC**

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

Opelika, AL 36801

## 2. HAZARD IDENTIFICATION

**WARNING**

May cause slight transient eye irritation

Harmful to aquatic life

May cause slight skin irritation with prolonged exposure

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Composition</u>
Fluridone	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone	59756-60-4	3.8%
Alcohol	Proprietary	Proprietary	5-10%

## 4. FIRST AID MEASURES

**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.

**IF ON SKIN OR CLOTHING:** Call a doctor or poison control center if you feel unwell. If skin irritation occurs: Get medical advice/attention.

## 5. FIREFIGHTING MEASURES

**Flash Point (PMCC):** N/A

**Flammable Limits (LFL-UFL):** Not determined

**Fire and Explosion Hazards:** Thermal decomposition may release irritating gases and fumes (see Section 10.)

**Extinguishing Medium:** Water spray, foam, CO<sub>2</sub>, or dry chemical.

**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:** Hydrogen chloride, oxides of nitrogen, chlorinated pyridine, phosgene.

**NFPA Ratings:** Health – 1 / Flammability – 1 / Reactivity - 0

## 6. ACCIDENTAL RELEASE MEASURES

For Chemical Emergencies (spill, leak, fire, exposure, or accident) call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.

Clean up spills immediately observing the precautions in Section 8 of this MSDS. 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.

Absorb small spills with dry material and discard in a disposal container. Stop the leak, if possible. Ventilate the space involved. Construct a dike to prevent spreading and prevent waterway contamination. Collect run-off water and transfer to drums or tanks for later disposal.

## 7. HANDLING AND STORAGE

**Keep out of reach of children and animals.**

**Handling:** Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Handle and open container in a manner as to prevent spillage.

**Storage:** Keep container stored with nozzle in closed position. Store product in original container in a safe place away from direct sunlight. Keep from freezing.

## 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:** Shirt and long pants and shoes plus socks.

**General:** Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Tan Viscous Liquid

**Odor:** Musty, menthol-like

**Specific Gravity:** 1.07 g/mL

**pH:** 6.0 – 6.5

**Solubility:** Dispersible in Water

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Freezing temperatures.

**CHEMICAL STABILITY:** Stable but may decompose if burned.

**SUBSTANCES TO AVOID:** None known.

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** None when stored and handled as prescribed. Thermal decomposition may release harmful vapors.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**ORAL TOXICITY (rat LD<sub>50</sub>):** > 10,000 mg/kg

**DERMAL TOXICITY (rat LD<sub>50</sub>):** > 5,000 mg/kg

**INHALATION TOXICITY (rat LC<sub>50</sub>):** > 4.12 mg/L (4-hour)

**EYE IRRITATION:** Rabbit – Mildly irritating

**SKIN IRRITATION:** Rabbit – Mildly irritating

**SKIN SENSITIZATION:** Guinea Pig – Not a contact sensitizer

**CARCINOGENICITY:**

**EPA:** Not Listed

**ACGIH:** Not Listed

**NTP:** Not Listed

**IARC:** Not Listed

**OSHA:** Not Listed

**MUTAGENIC TOXICITY:** No evidence of mutagenic effects during *in vivo* or *in vitro* studies.

**REPRODUCTIVE TOXICITY:** No evidence in animal studies.

## 12. ECOLOGICAL INFORMATION

Do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Trees and shrubs growing in water treated with Alligare Fluridone RTU may occasionally develop chlorosis.

**The following information is for the active ingredient, Fluridone:**

**AQUATIC TOXICITY**

Rainbow Trout (96-hr LC<sub>50</sub>): 11.7 mg/L

Daphnia (48-hr LC<sub>50</sub>): 6.3 ppm

**AVIAN TOXICITY**

Bobwhite Quail (Oral LD<sub>50</sub>): > 2,000 mg/kg

**OTHER TOXICITY:**

Bees (Oral and Contact 48-hr LD<sub>50</sub>): > 362 µg/bee

Earthworms (14-d LC<sub>50</sub>): > 102 ppm

## 13. DISPOSAL CONSIDERATIONS

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture 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:** Non-refillable container, do not reuse or refill this container. Refer to the product label for specific disposal instructions.

## 14. TRANSPORT INFORMATION

**US DOT:**

Not regulated by DOT.

**IATA (Shipped by Air):**

Not classified as a Dangerous Good under IATA.

**IMO (Shipped by Water):**

Not classified as a Dangerous Good under IMO.

## 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

##### CAUTION

##### ENVIRONMENTAL HAZARDS

Do not apply directly to water except as specified on this label. Do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Apply this product in calm weather when rain is not predicted for the next 24 hours to help ensure that the pesticide is not moved out of the treatment area. Trees and shrubs growing in water treated with Alligare Fluridone RTU may occasionally develop chlorosis.

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 –

None

### 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: 2.1

Effective Date: 05/26/16