

# SAFETY DATA SHEET

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



## 1. IDENTIFICATION

**PRODUCT NAME:** Alligare Chlorsulfuron 75

**DESCRIPTION:** A dry flowable herbicide.

**EPA Reg. No.:** 81927-43

**COMPANY IDENTIFICATION:**

**Alligare, LLC**

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

Opelika, AL 36801

## 2. HAZARD IDENTIFICATION

### WARNING

Causes eye irritation (H320)

Causes mild skin irritation (H316)

Very toxic to aquatic life with long lasting effects (H400+H410)



### HAZARD CLASSIFICATION

**Health Hazards**

Serious eye damage / eye irritation

Skin corrosion / irritation

**Category**

2B

3

**Physical Hazards**

N/A

**Category**

**Environmental Hazards**

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

**Category**

1

1

### HAZARDS NOT REQUIRING CLASSIFICATION

None.

### PRECAUTIONARY STATEMENTS

Wash hands and skin thoroughly after handling. (P264)

Avoid release to the environment not in accordance with the label. (P273)

**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 or attention. Refer to Section 4 for additional medical information. (P305+P351+P338+P337+P313)

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

Collect spillage. (P391)

Dispose of contents / containers in accordance with local, State and Federal regulations. Refer to the product label for specific disposal instructions. (P501)

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Common Name**

Chlorsulfuron

**Chemical Name**

2-Chloro-N-[[4-methoxy-6-methyl-1,3,5-triazin-2-yl) Amino]carbonyl]benzenesulfonamide

**CAS #**

64902-72-3

**Composition**

75.0%

## 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 CHEMTREC at 1-800-424-9300 for emergency medical information.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water. If skin irritation or rash occurs: call a poison control center or doctor for treatment advice.

**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.

## 5. FIREFIGHTING MEASURES

**Flash point (PMA-4):** N/A

**Flammable Limits (LFL-UFL):** N/A

**Fire and Explosion Hazards:** Not a fire or explosion hazard.

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

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

**Fire Fighting Instructions:** Use water spray to cool containers. If area is heavily exposed to fire and if conditions permit, allow fire to burn itself out since water may increase the area contaminated.

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

## 6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately observing the precautions in Section 8 of this SDS. Thoroughly ventilate area and use a NIOSH approved respirator if dusting occurs. Dike spill and prevent material from entering sewers, waterways or low areas. Shovel or sweep up and place material in closed containers for disposal. Do not raise dust.

## 7. HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, water, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**Protective Clothing:** Wear long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves made of any waterproof material such as polyethylene or polyvinylchloride.

**General:** Wash clothing and other absorbent materials that have been exposed to this product. 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>	Tan granules	<b>pH:</b>	4.4-5.4 in a 1% suspension
<b>Odor:</b>	None	<b>Kinematic viscosity:</b>	Not available
<b>Melting/freezing point:</b>	Not available	<b>Solubility:</b>	Dispersible
<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>	0.58 – 0.70 g/mL
<b>Flash point:</b>	Not available	<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:** Heat, flame and extreme temperatures.

**CHEMICAL STABILITY:** Stable under all normal use and storage conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBILITY WITH OTHER MATERIALS:** None known.

**POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

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

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

**INHALATION TOXICITY (rat LC<sub>50</sub>):** > 5.5 mg/L (4-hour)

**EYE IRRITATION:** Rabbit – Slightly irritating

**SKIN IRRITATION:** Rabbit – Mildly irritating

**SKIN SENSITIZATION:** Not a contact sensitizer

**CARCINOGENICITY:**

**EPA:** Not Listed

**ACGIH:** Not Listed

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**MUTAGENIC TOXICITY:** No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

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

## 12. ECOLOGICAL INFORMATION

Chlorsulfuron is moderately mobile in soil at low pH, but very mobile at high pH. Chlorsulfuron can be persistent in the environment. Degradation half-lives vary primary with pH, from a few weeks to over one year in soil at high pH. Due to its solubility in water, chlorsulfuron does not bioaccumulate.

**The following is for the active ingredient, Chlorsulfuron:**

**AQUATIC TOXICITY**

Rainbow Trout (96-hr LC<sub>50</sub>): > 250 mg/L

Sheepshead Minnow (LC<sub>50</sub>): > 980 mg/L

Oysters (EC<sub>50</sub>): 385 mg/L

Daphnia (48-hr EC<sub>50</sub>): > 370 mg/L

Green Algae (72-hr EC<sub>50</sub>): 0.055 µg/L

**AVIAN TOXICITY**

Mallard Duck (LD<sub>50</sub>): > 5,000 mg/kg

Bobwhite Quail (LD<sub>50</sub>): > 5,000 mg/kg

**OTHER**

Honey Bee (LD<sub>50</sub>): 25µg/bee

## 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 wasted 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>	UN3077
<b>Proper Shipping Name:</b>	Environmentally hazardous substance, solid, N.O.S. (contains Chlorsulfuron)
<b>Transport Hazard Class:</b>	9
<b>Packing Group:</b>	III
<b>Hazard Zone:</b>	A
<b>Marine Pollutant:</b>	Yes <sup>1</sup>
<b>Hazardous Substance RQ:</b>	None
<b>Labels / Placards:</b>	US-DOT: Class 9 Environmentally Hazardous Substance <sup>2</sup> IMDG, IATA: Class 9 Environmentally Hazardous Substance <sup>3</sup>
<b>Emergency Guide:</b>	171 (NAERG – North American Emergency Response Guide)

<sup>1</sup> **Marine Pollutant Note:** Ground-only shipments are excluded from Marine Pollutant labeling requires as per 49CFR172.101 Appendix B (4). For any shipments involving all or part of the transport by vessel, the shipment must be classified as a Marine Pollutant unless a limited quantity exemption applies (see note 3 below).

<sup>2</sup> **US-DOT Note:** Not regulated for “ground only” shipments.

<sup>3</sup> **IMDG / IATA Note:** Not regulated when shipped in single or inner packaging ≤1.32 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

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Remove and wash contaminated clothing before reuse.

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 cleaning equipment or disposing of equipment washwaters or wastes.

## 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

### **SARA Title III – Section 312 Threshold Planning Quantity**

N/A

### **SARA Title III – Section 313 Reportable Ingredients**

Chlorsulfuron (CAS No. 64902-72-3): 75.0%

### **CERCLA –**

Not listed

### **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: 06/29/2018