



**Alligare**

GROUP 2 HERBICIDE

# CHLORSULFURON 75

## DRY FLOWABLE HERBICIDE

**ACTIVE INGREDIENT:**

**By Weight**

Chlorsulfuron: 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]benzenesulfonamide ..... 75.0%

**OTHER INGREDIENTS:** ..... 25.0%

**TOTAL:** ..... 100.0%

EPA Reg No. 81927-43

EPA Est. No. 279-CAN-001

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 First Aid, additional Precautionary Statements and Directions for Use.

**Manufactured for:** Alligare, LLC  
1565 5th Avenue • Opelika, AL 36801

**Net Weight: 1 lb.**

EPA 20240905  
22053969



<b>FIRST AID</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.</p>	

#### **PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

#### **Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **ENGINEERING CONTROL STATEMENTS**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "Applicators and other handlers" and have such PPE immediately available for use in an emergency such as a spill or equipment break-down.

#### **USER SAFETY RECOMMENDATIONS**

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

## 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.

Chlorsulfuron is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for weeks after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of chlorsulfuron from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Only use Alligare Chlorsulfuron 75 in accordance with directions on this label or in separately published Alligare, LLC supplemental labeling.

Alligare, LLC will not be responsible for losses or damages resulting from the use of this product in any manner not specifically approved by Alligare, LLC.

**Do not apply this product through any type of irrigation system.**

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

*(continued)*

#### **AGRICULTURAL USE REQUIREMENTS** *(continued)*

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

#### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Use on noncrop sites is not within the scope of the Worker Protection Standard.

Do not enter or allow entry into treated areas until sprays have dried.

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

#### **PRODUCT INFORMATION**

Alligare Chlorsulfuron 75 is a dry flowable formulation containing the active ingredient chlorsulfuron which is a herbicide used for control of many broadleaf weeds found in pastures, ranges, Conservation Reserve Program (CRP) lands, and non-crop industrial sites (including industrial (unimproved) turf and for growth suppression and seedhead inhibition of established desirable grasses). Some non-crop industrial sites include airports, fence rows, government and private lands, military installations, petroleum tank farms, pipeline and utility rights-of-way, plant sites, pumping installations, railroads, roadsides and associated rights-of-way, and storage areas.

Some of these sites may contain temporary pools of surface water as a result of site management. Except in the state of New York, Alligare Chlorsulfuron 75 may be used to treat intermittent drainage, intermittently flooded low lying sites, seasonally dry flood plains and transitional areas between upland and lowland sites when no water is present. In addition, Alligare Chlorsulfuron 75 may be applied to bogs, marshes, and swamps after water has receded and to seasonally dry flood deltas, except in the state of New York. DO NOT make applications to natural or man-made bodies of water such as canals, lakes, ponds, reservoirs, and streams.

Both preemergent and postemergent applications of Alligare Chlorsulfuron 75 will control weeds although several factors (including use rate, weed

growth stage at the time of application, and post-application weather conditions) will affect the range of weeds controlled and the length of residual activity. **Annual weeds** are best controlled from application of Alligare Chlorsulfuron 75 in the early stages of weed development. **Perennial weeds** are best controlled from application of Alligare Chlorsulfuron 75 when weeds are in the bud to bloom or fall rosette stage.

#### **ENVIRONMENTAL CONDITIONS AND ACTIVATION OF ALLIGARE CHLORSULFURON 75**

Alligare Chlorsulfuron 75 moves into plants by absorption through the roots and foliage and rapidly inhibits the growth of susceptible weeds. Within two to three weeks after application, the weed growth slows and the new growth changes to a red-purple color. By four to six weeks after application, discoloration of the leaf veins and leaves is apparent, and growing points subsequently die.

For optimum control of target weeds, Alligare Chlorsulfuron 75 needs to reach the weed roots. Rainfall or irrigation after an application moves the Alligare Chlorsulfuron 75 into the soil and the weed root zone. Under cold, dry conditions movement of Alligare Chlorsulfuron 75 into the root zone will be delayed. Alligare Chlorsulfuron 75 is less effective to weeds hardened off by cold weather or under stress from lack of water.

Under most normal conditions, Alligare Chlorsulfuron 75 will not harm labeled desirable grasses. Injury may result from application of Alligare Chlorsulfuron 75 to grasses that are growing under stress (due to extreme temperatures or moisture, abnormal soil conditions, or cultural practices) or to certain sensitive species of grass.

#### **WEED RESISTANCE MANAGEMENT**

For resistance management, Alligare Chlorsulfuron 75 is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Alligare Chlorsulfuron 75 and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of Alligare Chlorsulfuron 75 or other Group 2 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from different groups if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use,

and that considers tillage (or other mechanical control methods), cultural, biological and other management practices.

- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include:
  - failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
  - a spreading patch of non-controlled plants of a particular weed species;
  - surviving plants mixed with controlled individuals of the same species.
- If resistance is suspected, prevent weed seed production in the affected area by an alternate herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other areas by cleaning equipment when moving between areas.
- If a weed population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for resistant weed biotypes.

Report any incidence of non-performance of this product against a particular weed species to your Alligare LLC retailer, representative or call 888-255-4427.

#### **INTEGRATED PEST MANAGEMENT**

Alligare Chlorsulfuron 75 may be used as part of an Integrated Pest Management (IPM) program. This program relies on tillage (or other mechanical), biological, cultural, and chemical control practices to prevent economic pest damage. IPM principles and practices include field monitoring, historical information related to herbicide use and crop rotation, correct identification of target pests, population monitoring, and treatment when target pest populations reach a locally-determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine the action treatment threshold levels for treating specific pest/crop systems in your area.

#### **PRECAUTIONS**

Read the following precautions to avoid injury to or loss of desirable trees or other desirable plants or vegetation.

- To avoid severe injury or death, do not drain or flush equipment rinses on or near desirable trees or other plants, on areas where their roots may extend, or in areas where the product may be washed or moved into contact with desirable plant roots.
- To minimize off-site movement of product on treated soils which can lead to damage of susceptible crops, do not apply if soils are powdery,

dry or light, or sandy and if rainfall is not expected soon after treatment. Treated soil particles may move off-site to non-target crop sites through wind or water. Low levels of Alligare Chlorsulfuron 75 may injure or kill most crops (except small grains), especially when crops are irrigated.

- The following conditions should be avoided during application to prevent runoff and movement of Alligare Chlorsulfuron 75 residues: periods of intense rainfall, soils already saturated with water, asphalt or concrete paved surfaces, frozen soils or soils through which rain water will not readily penetrate. Do not disturb treated soils to minimize the potential for Alligare Chlorsulfuron 75 movement by soil erosion from wind or water.
- Before using Alligare Chlorsulfuron 75, consult your state experimental station, university, or extension agent as to sensitivity of grass species or varieties to various herbicides. If the sensitivity of grass species or varieties is unknown, test Alligare Chlorsulfuron 75 on a small area of the grass species. Tolerance to Alligare Chlorsulfuron 75 of components in a grass seed mixture will vary and the final stand may not reflect the seed ratio.
- To avoid injury, do not apply Alligare Chlorsulfuron 75 to grasses growing under conditions of stress (severe weather conditions, drought, low fertility, water-saturated soils, disease, or insect damage). Injury to grasses is also possible if grasses are under stress before or after an application of Alligare Chlorsulfuron 75. Other weather conditions (such as heavy rainfall, high pH, prolonged cold weather, or wide fluctuations in day/night temperatures, drought, low fertility, water-saturated soils, disease, or insect damage) in effect before or after Alligare Chlorsulfuron 75 applications may result in temporary discolorations and/or grass injury.
- Pasture, range or CRP sites which are undersown with legumes may result in injury to the legumes after application of Alligare Chlorsulfuron 75 to these sites. Legumes in a seeding mixture may be severely injured or killed following an application of Alligare Chlorsulfuron 75.

#### **RESTRICTIONS**

- Do not use this product on lawns, walks, driveways, tennis courts, or similar areas.
- Do not apply this product in or on irrigation or drainage ditches or canals including their outer banks.
- Do not allow Alligare Chlorsulfuron 75 to drift or move into irrigation or drainage ditches.
- Do not apply through any type of irrigation system.
- Do not use this product in the following counties of Colorado: Saguache, Rio Grande, Alamosa, Costilla, and Conejos.
- Aquatic uses are not allowed in the State of New York.
- There are no hay harvest restrictions or grazing restrictions for livestock (including lactating animals) when Alligare Chlorsulfuron 75 is applied at rates up to 1 1/3 ounces per Acre.

## **PESTICIDE HANDLING**

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Assure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid over-filling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field/ grove or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- Avoid storage of pesticides near well sites.
- When triple rinsing the pesticide container, be sure to add the rinsate to the spray mix.

## **INSTRUCTIONS FOR MIXING**

1. Using clean fresh water, fill the spray tank 1/4 to 1/3 full.
2. Begin agitation and then add the required amount of Alligare Chlorsulfuron 75.
3. Allow the solution to agitate for 5 minutes to completely disperse the dry flowable Alligare Chlorsulfuron 75 formulation.
4. Continue agitation and fill the spray tank with the remaining water. Do not add any other material until the Alligare Chlorsulfuron 75 is thoroughly mixed with the water.
5. As the tank is filling with the remaining water, add any tank mix partners followed by the necessary volume of spray adjuvants. Always add the spray adjuvants last.
6. NOTE: Continuous agitation is required or settling will occur. Before spraying, reagitrate the solution to ensure a uniform solution is sprayed.
7. Make only a sufficient amount of Alligare Chlorsulfuron 75 spray mixture that can be used within 24 hours of mixing. The product may degrade if allowed to sit unused.
8. For application of multiple loads of Alligare Chlorsulfuron 75 and a tank mix partner, make a pre-slurry of Alligare Chlorsulfuron 75 in clean water and then add to the spray tank. This pre-mix helps to prevent the tank mix partner from interfering with the dissolution of the Alligare Chlorsulfuron 75.

Do not mix Alligare Chlorsulfuron 75 with spray additives that reduce the pH of the spray solution below 5.0. Additional information is found in the section, Spray Adjuvants.

## **HOW TO CLEAN SPRAYER EQUIPMENT**

Clean all spray equipment before making an application of Alligare Chlorsulfuron 75.

Immediately after an application or multiple applications of Alligare Chlorsulfuron 75, clean all spray equipment using the cleanup procedures



described on the labels of previously applied products. If there are no cleanup directions, use the following cleanup procedures.

**Note:** The directions for sprayer cleanup presented below is only effective for Alligare Chlorsulfuron 75 and for general uses specified under "Directions for Use". Do not use the sprayer equipment on food crops (except wheat, barley and oats), feed crops (except range land, CRP and pasture), fine turf, ornamentals, and other desirable plants.

After spraying is completed at the end of the day, rinse the interior of the tank with fresh water. Partially refill the tank with fresh water and flush the boom and hoses. These rinses will prevent deposits of dried pesticide residues that can remain in the application equipment. Use the following steps to clean all mixing and spray equipment immediately following applications of Alligare Chlorsulfuron 75:

1. Drain the spray tank and then use fresh water to rinse the interior surfaces of the tank. Then flush the tank, boom, and hoses with water for at least 5 minutes.
2. Use fresh clean water to fill the tank and add a cleaning solution<sup>†</sup>. Flush the boom, hoses, and nozzles with the cleaning solution. Allow the equipment to sit for 15 minutes with agitation running, and then drain the tank.
3. Repeat Step 2.
4. Repeat Step 1.
5. Remove and clean the nozzles and screens separately. Traces of the cleaning solution can be removed by rinsing the tank thoroughly with clean water and flushing the water through the hoses and boom.

<sup>†</sup>Cleaning Solutions approved for spray equipment cleanup:

1. One gallon of 3% ammonia per 100 gallons of water.
2. "Nutra-sol" (carefully follow the directions for use on the "Nutra-sol" label).
3. Loveland Spray Tank Cleaner (carefully follow the directions for use on the Loveland Spray Tank Cleaner label).
4. "Tank-Cleaner" (carefully follow the directions for use on the "Tank-Cleaner" label).

### **TANK MIXTURES**

Other herbicides which are registered for the same uses as Alligare Chlorsulfuron 75 (pasture, range, CRP Program, or non-crop sites) may be tank mixed with Alligare Chlorsulfuron 75. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Do not tank mix Alligare Chlorsulfuron 75 with HYVAR® X-L herbicide.

Before preparing large amounts of the tank mix, perform a jar test to insure the tank-mix partners are compatible with Alligare Chlorsulfuron 75. A clear jar with a lid can be used to mix the tank mix ingredients in their relative proportions. After adding the ingredients, invert the jar several times and then allow the jar to stand for 30 minutes. The mixture is compatible if, after 30 minutes, the solution remains mixed, or, if separation occurs, if the solution readily mixes again after agitation. Signs of incompatibility include separation into layers which do not readily remix when agitated, the presence of flakes, precipitates, gels, or heavy oily film on the jar.

#### **SPRAY EQUIPMENT**

**Pasture, Range or Conservation Reserve Program (CRP):** Make applications of Alligare Chlorsulfuron 75 by ground equipment, fixed wing aircraft, or helicopter.

**Non-crop sites:** Make applications of Alligare Chlorsulfuron 75 using ground equipment only unless otherwise specified in Supplemental or Special Local Need Labeling.

Refer to the manufacturer's documentation for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc.

Use calibrated air or ground equipment and apply in a spray volume and delivery system to ensure a thorough, uniform spray coverage of weed pests. Higher spray volumes will produce better coverage to dense canopies of weeds. Do not overlap sprays. To avoid injury to desirable species, turn off spray booms while starting, turning, slowing, or stopping.

Severe injury or death of crops (excluding pasture, range and small grains) may occur if the same equipment used to apply Alligare Chlorsulfuron 75 to pasture, range, CRP or non-crop sites is used to apply other products to crops. Traces of Alligare Chlorsulfuron 75 in the spray equipment may injure or kill the crops (except pasture, range, and small grains).

Do not make applications using equipment and/or spray volumes or under weather conditions that might cause spray drift onto nontarget sites. Additional information is provided in the section, Spray Drift Management. Use application equipment that will ensure constant agitation of Alligare Chlorsulfuron 75 spray solutions.

**NOTE:** Using ammonia solution will help solubilize Alligare Chlorsulfuron 75. This reduces the need to agitate the tank mixture to prevent settling out. The product will usually remain stable in this solution for a maximum of one to three days under normal conditions. A pH range of 7 to 8 is ideal for this spray-mix solution. Mixing and spraying the product immediately will provide the best results.

Mix one fluid ounce (2 tablespoons) of ammonia solution (3% active) with every ounce (by weight) of Alligare Chlorsulfuron 75 used in the spray tank.

## GROUND APPLICATION

### BROADCAST APPLICATION

Apply Alligare Chlorsulfuron 75 at 20 to 40 GPA using calibrated ground broadcast application equipment. Optimum control is obtained when weeds are treated in a sufficient volume to receive a thorough, uniform coverage.

**Industrial turf:** Do not overlap sprays. To avoid injury to desirable species, turn off spray booms while starting, turning, slowing, or stopping.

### HIGH VOLUME HANDGUN APPLICATION

Apply Alligare Chlorsulfuron 75 at up to 100 gallons of spray solution per acre (GPA). Mix Alligare Chlorsulfuron 75 at 1 to 3 ounces per acre plus an adjuvant. Add a foam reducing agent if needed. Use the higher rate for hard to control species but do not apply more than 3 ounces per acre. Apply evenly to ensure thorough coverage of the site and weed pest(s) to be treated.

### INVERT SPRAY APPLICATION

Apply the high viscosity invert solution of Alligare Chlorsulfuron 75 at 10 to 40 GPA. Mix ¼ to 3 ounces of Alligare Chlorsulfuron 75 in the water phase of the invert solution for application to 1 Acre. The labeled use rate for target weeds is found in the section, **Weeds Controlled By Alligare Chlorsulfuron 75**. Follow all use directions and precautionary statements appearing on the labels of the inverting oils and additives or in the operator's manual of the inverting equipment.

## SPOT APPLICATIONS

### PASTURE, RANGE AND CONSERVATION RESERVE PROGRAM (CRP):

Spot applications will aid in the control of weeds in pastures, ranges, and CRP land. Apply Alligare Chlorsulfuron 75 using equipment such as back pack sprayers to deliver the spray to the foliage and stems. The height and density of weeds and type of application equipment employed will determine the application volume. Optimum results are obtained from a thorough, uniform coverage of the foliage stems. Postemergence control of weeds improves from the addition of a spray adjuvant (0.25% volume, or use the manufacturer's labeled rate).

Mix 1 gram of Alligare Chlorsulfuron 75 and the surfactant with 1 gallon of water. Spray the weeds so that the entire surface of the weeds become wet. At this rate, approximately 35 gallons of solution will treat 1 acre.

### NON-CROP SITES

Mix 1-3 ounces of Alligare Chlorsulfuron 75 with 100 gallons of water. Do not apply more than 300 gallons of the Alligare Chlorsulfuron 75 at the 1 ounce spray mix rate per Acre, and no more than 100 gallons of the Alligare Chlorsulfuron 75 of the 3 ounce spray mix rate per Acre.

## SPRAY ADJUVANTS

Include a high quality spray adjuvant (but not LI-700 or other acidifying adjuvants) with the Alligare Chlorsulfuron 75 to improve postemergence weed control. Follow the manufacturer's labeled rate for the adjuvant.

### **SPRAY DRIFT CONTROL AGENTS**

Include a spray drift control agent with the Alligare Chlorsulfuron 75 tank mix to reduce the chance of drift. Follow the manufacturer's labeled rate for the drift control agent.

### **CROP ROTATION**

Do not treat all acres (pastures, rangeland or CRP) at the same time with Alligare Chlorsulfuron 75 if rotational crop plantback flexibility is desired.

### **FIELD BIOASSAY**

When crop or grass species/varieties which are not listed on this label are to be planted to areas previously treated with Alligare Chlorsulfuron 75, a field bioassay test must be carried out to determine if this species can be replanted without injury. Test the crop or grass intended to be planted the year following a treatment with Alligare Chlorsulfuron 75 by growing the crop or grass in small plots which received the Alligare Chlorsulfuron 75 treatment. The crop or grass response will determine the feasibility of rotating this crop or grass to large areas which had been treated with Alligare Chlorsulfuron 75. Additional information on the procedures for carrying out field bioassays can be obtained from your local dealer or Alligare, LLC representative.

### **GRAZING/HAYING**

No hay harvest restrictions or grazing restrictions for livestock (including lactating animals) apply when Alligare Chlorsulfuron 75 is applied at up to 1 1/3 ounces per Acre. Animals do not need to be enclosed.

### **AERIAL APPLICATION**

Apply Alligare Chlorsulfuron 75 in a minimum of 3 GPA.

#### **MANDATORY SPRAY DRIFT MANAGEMENT**

##### **Aerial Applications:**

- Do not release spray at a height greater than 10 ft. above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ANSI/ASABE S641 MAY 2018).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ANSI/ASABE S641 MAY 2018).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use 1/2 swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

*(continued)*

## **MANDATORY SPRAY DRIFT MANAGEMENT** *(continued)*

### **Ground Boom Applications:**

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ANSI/ ASAE S572.3 FEB 2020).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ANSI/ASAE S572.3 FEB 2020).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

### **Boom-less Ground Applications:**

- Applicators are required to use a Medium or coarser droplet size (ANSI/ ASAE S572.3 FEB 2020) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions

## **SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### **IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### **Controlling Droplet Size – Ground Boom**

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### **Controlling Droplet Size – Aircraft**

- Adjust Nozzles – Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

**Boom-Less Ground Applications:**

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

**Handheld Technology Applications:**

- Take precautions to minimize spray drift.

**BOOM HEIGHT – Ground Boom**

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

**RELEASE HEIGHT – Aircraft**

Higher release heights increase the potential for spray drift. When applying aerially to crops, do not release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

**SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

**TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

**TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversion are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

**WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

**WINDBLOWN SOIL PARTICLES**

Alligare Chlorsulfuron 75 has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying Alligare Chlorsulfuron 75 if prevailing local conditions may be expected to result in off-site movement.

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## AGRICULTURAL USES

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### PASTURE, RANGE, AND CONSERVATION RESERVE PROGRAM (CRP)

**Directions for Application:** To control or suppress weeds found in permanent (non-rotational) pastures, range and CRP lands, apply Alligare Chlorsulfuron 75 at the rates listed in the table below and follow all directions for use on this label. Apply by ground or air (fixed wing aircraft or helicopter) equipment. Up to 1/3 ounce Alligare Chlorsulfuron 75 may be applied only as a spot treatment for specific grasses only if the resulting injury and possible loss of forage is acceptable.

**Timing:** Optimum results are seen when *perennial* weeds are treated in the bud to bloom or the fall rosette stage and when *annual* weeds are treated at early growth stages.

**Weeds:** Refer to the section **Weeds Controlled by Alligare Chlorsulfuron 75**.

#### Restrictions:

- Do not apply more than 1 1/3 ounce of Alligare Chlorsulfuron 75 (0.0625 lbs a.i.) per acre per year. **NOTE:** No hay harvest restrictions or grazing restrictions for livestock (including lactating animals) apply when Alligare Chlorsulfuron 75 is applied at up to 1 1/3 ounces per Acre. Animals do not need to be enclosed.

#### Precautions:

- Severe stunting and injury will occur from application of Alligare Chlorsulfuron 75 to sensitive broadleaf forage species (such as clover and alfalfa).
- Injury to forage grasses which are under stress (due to drought, insects, disease, cold temperature or poor fertility) may occur from Alligare Chlorsulfuron 75 applications.
- Do not apply Alligare Chlorsulfuron 75 to forage grasses unless well-established or the newly emerged seedlings of sensitive forage grasses will be injured.
- Tolerance of different varieties and species of forage grasses to Alligare Chlorsulfuron 75 may vary. Before using Alligare Chlorsulfuron 75 on a certain grass for the first time, only apply Alligare Chlorsulfuron 75 to a small area. Once it has been determined that injury will not occur, larger areas may be treated in the next season. Examples of varietal sensitivity to Alligare Chlorsulfuron 75 include,
  - abortion or suppression of seedheads by some cool season grasses if Alligare Chlorsulfuron 75 is applied before the initiation of flowering
  - possible severe injury in perennial and Italian ryegrasses
  - temporary stunting or yellowing of fescues

## RATES FOR CONTROL OR SUPPRESSION OF WEEDS IN FORAGE GRASSES

¼ to ½ ounce per Acre of Alligare Chlorsulfuron 75	
Bluestems, big, little, plains, sand, ww spar ( <i>Andropogon spp.</i> )	Kleingrass ( <i>Panicum coloratum</i> ) <sup>††</sup>
Buffalograss ( <i>Buchloe dactyloides</i> )	Lovegrasses, sand, weeping ( <i>Eragrostis spp.</i> )
Fescue, tall, Kentucky, hard, creeping ( <i>Festuca spp.</i> ) <sup>†</sup>	Sideoats gramma ( <i>Bouteloua curtipendula</i> )
Green needlegrasses ( <i>Stipa viridula</i> ) <sup>††</sup>	Switchgrass ( <i>Panicum virgatum</i> )
Indiangrass ( <i>Sorghastrum nutans</i> )	Wildrye ( <i>Elymus spp.</i> )
¼ to 1 ounce per Acre of Alligare Chlorsulfuron 75	
Bahiagrass ( <i>Paspalum notatum</i> )	Bromegrass, meadow, smooth ( <i>Bromus spp.</i> )
Bermuda grass( <i>Cynodon dactylon</i> )	Orchardgrass <sup>††</sup> ( <i>Dactylis glomerata</i> )
Blue gramma ( <i>Bouteloua gracilis</i> )	Wheatgrasses, crested, intermediate, pubescent, slender, streambank, tall, thick, spike, western, ( <i>Agropyron spp.</i> )
Bluegrass ( <i>Poa spp.</i> )	
<sup>†</sup> For sensitive fescue, use the lower use rate.	
<sup>††</sup> Do not use Alligare Chlorsulfuron 75 on this grass in California.	

## NON-AGRICULTURAL USES

### NON-CROP SITES - INDUSTRIAL AREAS

To control annual, biennial and perennial broadleaf weeds found in non-crop, industrial areas (airports, fence rows, government and private lands, military installations, petroleum tank farms, pipeline and utility rights-of-way, plant sites, pumping installations, railroads, roadsides and associated rights-of-way, and storage areas), apply Alligare Chlorsulfuron 75 at the rates listed in the sections below and follow all directions for use on this label. Apply by ground equipment unless directed otherwise by Special Local Need or Supplemental labeling. Make preemergent or early postemergent spray applications of Alligare Chlorsulfuron 75 to actively germinating or growing **annual** weeds. **Perennial weeds** are best controlled from application of Alligare Chlorsulfuron 75 when weeds are in the bud to bloom or fall rosette stage.

### INDUSTRIAL TURF (UNIMPROVED ONLY)

**Directions for Application:** To control weeds found in industrial turf (unimproved), on roadside or other non-crop sites, apply Alligare Chlorsulfuron 75 at the rates listed in the table below and follow all directions for use on this label. The higher Alligare Chlorsulfuron 75 rates will control weeds for longer periods of time compared with the lower



Alligare Chlorsulfuron 75 rates. Temporary chlorosis of desirable grasses may occur when Alligare Chlorsulfuron 75 is applied at the higher rate or in combination with a surfactant.

**Timing:** Make applications of Alligare Chlorsulfuron 75 when desirable grasses have become well-established to avoid any top kill or stand reduction. Optimum results are seen if turf is treated at green-up.

**Weeds:** Refer to the section **Weeds Controlled by Alligare Chlorsulfuron 75.**

**RATES FOR CONTROL OR SUPPRESSION OF WEEDS IN INDUSTRIAL TURF**

<b>¼ to ½ ounce per Acre of Alligare Chlorsulfuron 75</b>	
Fescue ( <i>Festuca</i> spp.)	Smooth brome ( <i>Bromus inermis</i> )

<b>½ ounce per Acre of Alligare Chlorsulfuron 75</b>	
Bentgrass ( <i>Agrostis</i> spp.)	Kleingrass ( <i>Panicum coloratum</i> )
Bluestems, big, little, plains, sand, ww spar ( <i>Andropogon</i> spp.)	Lovegrasses, sand, weeping ( <i>Eragrostis</i> spp.)
Buffalograss ( <i>Buchloe dactyloides</i> )	Prairie sandreed ( <i>Calamoviifa longifolia</i> )
Galleta ( <i>Hilaria jamesii</i> )	Sheep fescue ( <i>Festuca ovina</i> )
Needlegrass, green ( <i>Stipa viridula</i> )	Sideoats gramma ( <i>Bouteloua curtipendula</i> )

<b>½ ounce per Acre of Alligare Chlorsulfuron 75</b>	
Green sprangletop ( <i>Leptochloa dubia</i> )	Switchgrass ( <i>Panicum virgatum</i> )
Indiangrass ( <i>Sorghastrum nutans</i> )	Wildrye grasses, beardless, Russian ( <i>Elymus</i> spp.)
Indian ricegrass ( <i>Oryzopsis hymenoides</i> )	

<b>¼ to 1 ounce per Acre of Alligare Chlorsulfuron 75</b>	
Bahiagrass ( <i>Paspalum notatum</i> )	Bromegrass, meadow, smooth ( <i>Bromus</i> spp.)
Bermudagrass ( <i>Cynodon dactylon</i> )	Orchardgrass ( <i>Dactylis glomerata</i> )
Blue gramma ( <i>Bouteloua gracilis</i> )	Wheatgrasses, crested, intermediate, pubescent, slender, streambank, tall, thick, spike, western ( <i>Agropyron</i> spp.)
Bluegrass ( <i>Poa</i> spp.)	

**GROWTH SUPPRESSION AND SEEDHEAD INHIBITION**

**Directions for Application:** To suppress grass growth (chemical mowing) and inhibit seedhead formation, apply Alligare Chlorsulfuron 75 as a tank mix with other herbicides registered for this use and at the rates listed in the table below. Follow all directions for use on this label. The higher

Alligare Chlorsulfuron 75 rates will control weeds for longer periods of time compared with the lower Alligare Chlorsulfuron 75 rates.

**Timing:** Make applications of Alligare Chlorsulfuron 75 when desirable grasses have become well-established to avoid any top kill or stand reduction. Time application to occur at green-up and before seed-heads emerge (boot stage).

**Weeds:** Refer to the section **Weeds Controlled by Alligare Chlorsulfuron 75**

**Precautions:**

- To avoid injury, do not use Alligare Chlorsulfuron 75 or Alligare Chlorsulfuron 75 in a tank mix with Embark® 2S on bahiagrass turf or turf that is under stress (due to drought, insects, disease, cold temperature, or poor fertility).
- To avoid injury, apply Alligare Chlorsulfuron 75 only to turf that has been established for at least 1 year.
- Wait 6 months after an application of Alligare Chlorsulfuron 75 before planting grass seed in treated areas. Cultivate the area before planting.
- To avoid turf injury, only make spot applications to control those weeds listed under the 1 to 3 oz rate in the Non-crop, Industrial Sites section of this label. Broadcast applications to turf at this 1 to 3 oz rate may cause excessive turf injury.

**Restrictions:**

- Broadcast applications: do not apply more than ½ ounce Alligare Chlorsulfuron 75 per Acre per year (12-months).

**RATES FOR GROWTH SUPPRESSION AND SEEDHEAD INHIBITION**

<b>¼ ounce per Acre of Alligare Chlorsulfuron 75 PLUS Embark® 2S (labeled rate)</b>	
Fescue ( <i>Festuca</i> spp.)	Bluegrass ( <i>Poa</i> spp.)
<b>½ ounce per Acre of Alligare Chlorsulfuron 75 PLUS Embark® 2S (labeled rate)<sup>†</sup></b>	
Fescue ( <i>Festuca</i> spp.)	Smooth brome ( <i>Bromus inermis</i> )
Annual bluegrass ( <i>Poa annua</i> )	Orchardgrass ( <i>Dactylis glomerata</i> )
Perennial ryegrass ( <i>Lolium perenne</i> )	Reed canarygrass ( <i>Phalaris arundinacea</i> )
<sup>†</sup> For use in the Pacific Northwest Only	

**WEEDS CONTROLLED BY ALLIGARE CHLORSULFUROUN 75**

**NOTE:** The higher Alligare Chlorsulfuron 75 rates will control weeds for longer periods of time compared with the lower Alligare Chlorsulfuron 75 rates.

**TABLE OF WEEDS CONTROLLED AT DIFFERENT  
ALLIGARE CHLORSULFURON 75 USE RATES**

<b>¼ to ½ ounce per Acre of Alligare Chlorsulfuron 75</b>	
Annual sowthistle ( <i>Sonchus oleraceus</i> )	London rocket ( <i>Sisymbrium irio</i> )†
Blue mustard ( <i>Chorispora tenella</i> )	Mayweed ( <i>Anthemis cotula</i> )†
Common chickweed ( <i>Stellaria media</i> )	Miner's lettuce ( <i>Montia perfoliata</i> )†
Common speedwell ( <i>Veronica officinalis</i> )	Pineapple-weed ( <i>Matricaria matricarioides</i> )†
Common spikeweed ( <i>Hemizonia pungens</i> )†	Prostrate pigweed ( <i>Amaranthus blitoides</i> )†
Conical catchfly ( <i>Silene conoidea</i> )†	Redroot pigweed ( <i>Amaranthus retroflexus</i> )
Cutleaf eveningprimrose ( <i>Oenothera laciniata</i> )†	Shepherd's purse ( <i>Capsella bursapastoris</i> )†
Fiddleneck, tarweed ( <i>Amsinckia lycopsoides</i> )†	Smooth pigweed ( <i>Amaranthus chlorostachys</i> )†
Field pennycress ( <i>Thlaspi arvense</i> )	Treacle mustard ( <i>Erysimum</i> spp.)††
Flixweed ( <i>Descurainia Sophia</i> )	Tumble mustard, Jim Hill ( <i>Sisymbrium altissimum</i> )
Hempnettle ( <i>Galeopsis</i> spp.)†	Wild mustard ( <i>Sinapis arvensis</i> )
Henbit ( <i>Lamium amplexicaule</i> )	

<b>½ to 1 ounce per Acre of Alligare Chlorsulfuron 75</b>	
Bouncingbet ( <i>Saponaria officinalis</i> )	Halogeton ( <i>Halogeton glomeratus</i> )
Bur beakchervil ( <i>Anthriscus caucalis</i> )†	Musk thistle ( <i>Carduus nutans</i> )
Buttercup ( <i>Ranunculus</i> spp.)	Sicklepod ( <i>Senna obtusifolia</i> )
Carolina geranium ( <i>Geranium carolinianum</i> )†	Smallseed falseflax ( <i>Camelina microcarpa</i> )†
Common lambsquarter ( <i>Chenopodium album</i> )	Sweet clover ( <i>Melilotus</i> spp.)††
Common sunflower ( <i>Helianthus annuus</i> )	Tumble pigweed ( <i>Amaranthus albus</i> )†
Dandelion, common ( <i>Taraxacum officinale</i> )††	Turkey mullein ( <i>Eremocarpus setigerus</i> )††
Erect knotweed ( <i>Polygonum erectum</i> )†	Whitetop, hoary cress ( <i>Cardaria draba</i> )†††
Goldenrod ( <i>Solidago</i> spp.)	Wild buckwheat ( <i>Polygonum convolvulus</i> )†
Groundsel, common ( <i>Senecio vulgaris</i> )†	Wild parsnip ( <i>Pastinaca sativa</i> )

1 to 3 ounces per Acre of Alligare Chlorsulfuron 75	
Asters ( <i>Aster</i> spp.)	Horsetail ( <i>Equisetum</i> spp.)
Bedstraw ( <i>Galium</i> spp.) <sup>†</sup>	Houndstongue, common ( <i>Cynoglossum officinale</i> )
Black mustard ( <i>Brassica nigra</i> )	Italian ryegrass ( <i>Lolium multiflorum</i> ) <sup>†</sup>
Bull thistle ( <i>Cirsium vulgare</i> )	Marestail/horseweed ( <i>Conyza canadensis</i> )
Burclover ( <i>Medicago</i> spp.)	Pepperweed ( <i>Lepidium</i> spp.) <sup>†</sup>
Canada thistle ( <i>Cirsium arvense</i> )	Pepperweed (perennial) ( <i>Lepidium latifolium</i> )
Common cinquefoil ( <i>Potentilla canadensis</i> )	Poison-hemlock ( <i>Conium maculatum</i> )
Common mallow ( <i>Malva neglecta</i> )	Prostrate knotweed ( <i>Polygonum aviculare</i> )
Common mullein ( <i>Verbascum thapsus</i> )	Puncturevine ( <i>Tribulus terrestris</i> )
Common ragweed ( <i>Ambrosia elatior</i> ) <sup>††</sup>	Red clover ( <i>Trifolium pretense</i> ) <sup>†</sup>
Common tansy ( <i>Tanacetum vulgare</i> )	Russian knapweed ( <i>Acroptilon repens</i> ) <sup>†††</sup>
Common teasel ( <i>Dipsacus fullonum</i> )	Scotch thistle ( <i>Onopordum acanthium</i> )
Common yarrow ( <i>Achillea millefolium</i> )	Scouringrush ( <i>Equisetum hyemale</i> )
Corn spurry ( <i>Spergula arvensis</i> )	Spreading orach ( <i>Atriplex patula</i> )
Cow cockle ( <i>Vaccaria pyramidata</i> )	Tansymustard ( <i>Descurainia pinnata</i> )
Curly dock ( <i>Rumex crispus</i> )	Tansy ragwort ( <i>Senecio jacobaea</i> ) <sup>†</sup>
Dyer's woad ( <i>Isatis tinctoria</i> )	White clover ( <i>Trifolium repens</i> )
False chamomile ( <i>Matricaria maritima</i> ) <sup>†</sup>	Wild carrot ( <i>Daucus carota</i> )
Foxtails ( <i>Setaria</i> spp.) <sup>††</sup>	Wild garlic/wild onion ( <i>Allium vineale</i> )
	Yellow starthistle ( <i>Centaurea solstitialis</i> ) <sup>††</sup>
<sup>†</sup> Do not use Alligare Chlorsulfuron 75 on this weed in California.	
<sup>††</sup> Alligare Chlorsulfuron 75 provides only partial control of this weed.	
<sup>†††</sup> Time application to occur at prebloom to bloom and fall rosette stage.	

#### ADDITIONAL DIRECTIONS FOR SPECIFIC WEEDS

**Dalmation Toadflax (*Linaria genistifolia*):** For optimum control, apply in the fall at a rate of 2 to 3 ounces of Alligare Chlorsulfuron 75 per acre as a high volume foliar spray (minimum of 24 gallons of water per acre) plus a surfactant (refer to Spray Adjuvants section, above).

**Kochia, Russian Thistle, and Prickly Lettuce:** For optimum results, apply after the weeds have emerged but before mature seeds form. Use a tank mix of Alligare Chlorsulfuron 75 with herbicides with different modes of action (such as 2, 4-D plus dicamba).

**Yellow Toadflax (*Linaria vulgaris*):** For optimum control, use a minimum of 1.5 ounces of Alligare Chlorsulfuron 75 per acre.

**Yellow Starthistle (*Centaurea solstitialis*):** Use a tank mix of Alligare Chlorsulfuron 75 at ½ to 3 oz per Acre with other herbicides registered for this use (such as, Alligare Clopyralid 3 or Transline®, or Alligare Picloram 22K or Tordon® 22K, or 2,4-D) at the tank-mix partner label rates. Refer to the Tank Mix section, above. Add a surfactant to improve control of emerged weeds (refer to Spray Adjuvants section, above). For preemergence control of this weed (early emergence to bolting stage of growth), apply when rainfall is expected so that residues of Alligare Chlorsulfuron 75 reach the root zone. Note: the higher Alligare Chlorsulfuron 75 rates will control weeds for longer periods of time compared with the lower Alligare Chlorsulfuron 75 rates.

### TIMING FOR REPLANTING OF GRASSES

Non-crop areas that were treated in the spring or early summer with Alligare Chlorsulfuron 75 may be replanted with grasses after the minimum time periods noted in the tables below have elapsed. If an application of Alligare Chlorsulfuron 75 is made in late summer or early fall, replanting may be carried out after the minimum time periods noted in the tables below have elapsed **starting from the spring after the application took place**. When replanting grasses, the tolerance of different grass varieties and species to soils treated with Alligare Chlorsulfuron 75 may differ. If a grass species to be seeded is not listed in the tables below, carry out a field bioassay test (see section Field Bioassay, above) to determine if this species can be replanted without injury.

Species	Alligare Chlorsulfuron 75 Rate (oz per Acre)	Replant Interval, Days
<b>For soils with a pH of 7.5 or less:</b>		
Brome, meadow ( <i>Bromus erectus</i> )	1/2-1	30
	1-2	60
Brome, smooth ( <i>Bromus inermis</i> )	1/2-1	60
	1-2	120
Fescue, alta/tall ( <i>Festuca arundinacea</i> )	1/2	60
	1	90
	2	150
Fescue, sheep ( <i>Festuca ovina</i> )	1/2-1	60
	1-2	120

(continued)

Species	Alligare Chlorsulfuron 75 Rate (oz per Acre)	Replant Interval, Days
Foxtail, meadow ( <i>Alopecurus pratensis</i> )	1/2	90
	1	120
	2	180
Needlegrass, green ( <i>Stip viridula</i> )	1/2-2	30
Orchardgrass ( <i>Dactylis glomerata</i> )	1/2	60
	1-2	90
Russian wildrye ( <i>Elymus</i> spp.)	1/2-2	30
Switchgrass ( <i>Panicum virgatum</i> )	1/2-2	90
Timothy ( <i>Phleum pretense</i> )	1/2	60
	1	120
	2	180
Wheatgrass, western ( <i>Agropyron smithii</i> )	1/2	30
	1	60
	2	120
<b>For soils having a pH of 7.5 and greater:</b>		
Alkali sacaton ( <i>Sporobolus airoides</i> )	1/2	30
	1	90
	2	>90
Bluestem, Big ( <i>Andropogon gerardii</i> )	1/2	90
Brome, Mountain ( <i>Bromus marginatus</i> )	1/2	30
	1	60
	2	>90
Gamma, Blue ( <i>Bouteloua gracilis</i> )	1/2	30
	1	60
	2	>90
Gamma, Sideoats ( <i>Bouteloua curtipendula</i> )	1-2	>90
Switchgrass ( <i>Panicum virgatum</i> )	1-2	>90
Wheatgrass, Bluebunch ( <i>Agropyron spicatum</i> )	1 1/3	30
Wheatgrass, Crested ( <i>Agropyron cristatum</i> )	2/3	30
Wheatgrass, Intermediate ( <i>Agropyron intermedium</i> )	1 1/3	30

(continued)

Species	Alligare Chlorsulfuron 75 Rate (oz per Acre)	Replant Interval, Days
Wheatgrass, Slender ( <i>Elymus trachycaulum</i> )	1 1/3	30
Wheatgrass, Siberian ( <i>Agropyron fragile</i> )	1 1/3	30
Wheatgrass, Streambank ( <i>Agropyron riparium</i> )	1 1/3	30
Wheatgrass, Thickspike ( <i>Agropyron dasystachyum</i> )	1/2-2	30
Wheatgrass, Western ( <i>Agropyron smithii</i> )	1/2 1 2	30 60 120

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

To the extent consistent with applicable law, upon purchase or use of this product, purchaser and user agree to the following terms:

**Warranty:** Alligare, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. To the extent consistent with applicable law, the Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular

purpose. To the extent consistent with applicable law, no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

**Terms of Sale:** The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

**Limitation of Liability:** To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

Tordon® and Transline® are trademarks of Dow AgroSciences LLC

Hyvar® is a trademark of Bayer.

Embark® is a trademark of PBI-Gordon Corp.

EPA 20240905





GROUP 2 HERBICIDE

# CHLORSULFURON 75

## DRY FLOWABLE HERBICIDE

<b>ACTIVE INGREDIENT:</b>	<b>By Weight</b>
Chlorsulfuron: 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]benzenesulfonamide.....	75.0%
<b>OTHER INGREDIENTS:</b> .....	25.0%
<b>TOTAL:</b> .....	100.0%

EPA Reg No. 81927-43

EPA Est. No. 279-CAN-001

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.

**Manufactured for:** Alligare, LLC  
1565 5th Avenue • Opelika, AL 36801

**Net Weight: 1 lb.**

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22053969



**FIRST AID : If swallowed:** Call a poison control center or doctor immediately for treatment advice. 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 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. **HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.

#### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### 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.

Chlorsulfuron is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for weeks after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of chlorsulfuron from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Peel Down for Directions