



# Alligare®

# DownForce

## DEPOSITION AID • DRIFT CONTROL AGENT

### PRINCIPAL FUNCTIONING AGENTS:

Soy methyl ester, petroleum hydrocarbons, nonylphenoethoxylate.....	99.25%
Constituents ineffective as an adjuvant.....	0.75%
<b>TOTAL</b> .....	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Do not take internally. Do not eat, drink, smoke or chew gum while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. In addition, follow precautionary statements on all products used with this material. Clean affected clothing, shoes, and protective equipment before reuse.

**Personal Protective Equipment:** Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks.

### FIRST AID

Call a poison control center or doctor immediately for treatment advice.  
Have the product container or label with you when call or going for treatment

**If Swallowed:** Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

**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.

**ALLIGARE DOWNFORCE** is engineered to improve deposition of pesticide applications by maximizing the number of spray droplets within the ideal size range for drift reduction and canopy penetration. The degree of drift hazard varies with the type of pesticide, application conditions and the vegetation near the treated area.

**ALLIGARE DOWNFORCE** is intended to be a management tool that will improve deposition and help to reduce drift of the active ingredient in the spray solution away from the target surface.

Wind tunnel testing has shown that when CP™11TT type nozzles are used with **ALLIGARE DOWNFORCE** in aerial spraying, a more uniform droplet size range is generated that will enhance the delivery of the active ingredient throughout the layers of the canopy.

**ALLIGARE DOWNFORCE** does not produce large spray droplets like other polymer drift products. Internal cohesion of the components helps to prevent droplet shearing into fines which move off-target into sensitive areas.

### DIRECTIONS FOR USE

Follow the recommendations of the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

May be used in aquatic applications; consult the relevant aquatic herbicide for recommendations on use rates.

If the pesticide does not specify the use of a deposition aid and drift control agent, follow the directions below. Use only if a deposition aid and drift control agent are allowed or not excluded on the label.

**ALLIGARE DOWNFORCE** may be applied through direct injection systems when pumped with proper amount of water.

Do not pre-mix with emulsifiable concentrates or aqueous solutions.

**NOTE:** When combining new or unfamiliar components in any tank mix, the applicator should conduct phytotoxicity and jar tests to ensure compatibility and avoid damage to non-targeted species.

### Order of addition

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP) then Flowables (F, DF)
2. Agitate then add adjuvants such as anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. Surfactants or other adjuvants

Prior to mixing you should fill your spray tank with half of the carrier you intend to use, usually water. Then start the sprayer and check to make sure that all valves and gauges work and that you have proper tank agitation.

### APPLICATION RATES

Aerial, Ground and Aquatic Spraying	Suggested Rates Per Acre
2-10 GPA	4 ounces per acre
15-30 GPA	6-12 ounces per acre
30-50 GPA	12-20 ounces per acre
50 + GPA	20 to 32 ounces per acre

Do not exceed 1% v/v. Droplet spectrum is based on wind tunnel testing using a CP™ 11TT type nozzle at the listed rates.

### STORAGE AND DISPOSAL

**STORAGE:** Store in a cool, dry place. Store in original container only. Do not add anything to the container. Keep container tightly sealed when not in use. Do not store near fire, flame or other potential sources of ignition. Do not contaminate water, food or feed by storage or disposal of this product. For optimal storage, store between 40° F and 90° F.

**DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal if allowed by law. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**WARRANTY** ALLIGARE, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. ALLIGARE, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANT-ABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. Inherent Risks of Use: It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of ALLIGARE, LLC or the seller. All such risks shall be assumed by buyer. Limitation of Remedies: The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at ALLIGARE, LLC's election, one of the following: 1. Refund of purchase price paid by buyer or user for product bought, or 2. Replacement of amount of product used. ALLIGARE, LLC shall not be liable for losses or damages resulting from handling or use of this product unless ALLIGARE, LLC is promptly notified of such loss or damage in writing. In no case shall ALLIGARE, LLC be liable for consequential or incidental damages or losses. The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of ALLIGARE, LLC or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

### NET CONTENTS:

2.5 U.S. Gallons (9.46 L)

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