



**PRINCIPAL FUNCTIONING AGENTS:**

Diammonium sulfate, non-ionic surfactants, and dimethylpolysiloxane .....	55%
<b>CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT.....</b>	<b>45%</b>
<b>Total .....</b>	<b>100%</b>

All ingredients are exempt from tolerance requirements under 40 CFR 180.

EPA Est. No. 1386-OH-1

Distributed By:  
Universal Crop Protection Alliance, LLC, 1300 Corporate Center Curve, Eagan, MN 55121  
(651) 239-1000

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

REFER TO INSIDE OF LABEL BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, FIRST AID STATEMENTS, STORAGE AND DISPOSAL INSTRUCTIONS, AND WARRANTY AND LIMITATION OF DAMAGES.



**Net Contents:  
1 Gallon**

**NONREFILLABLE CONTAINER**

PEEL HERE TO OPEN



<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 a 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>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOTLINE NUMBER</b>	
For 24 Hour Medical Emergency Assistance (Human or Animal) call 1-800-308-1241 or for Chemical Emergency Assistance (Spill, Leak, Fire or Accident) call CHEMTREC at 1-800-424-9300.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid prolonged contact with skin. Do not get in eyes, on skin, or clothing. Avoid breathing vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly before eating or smoking.

### GENERAL INFORMATION

**Astound®**, a water conditioning agent (Ammonium Sulfate/Nonionic Surfactant Blend), is a low foam formula for use with pesticides that are labeled for agricultural, forestry, non-cropland, and right-of-way uses. **Astound®** is formulated to meet the surfactant and ammonium sulfate recommendation for many glyphosate, glufosinate, paraquat, and diquat products or other herbicides requiring the addition of nonionic surfactant and ammonium sulfate.

**NOT FOR AQUATIC USE.**

### DIRECTIONS FOR USE Shake Well Before Using

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

**USE RATES:** **Astound®** should be used at 3 quarts to 10 quarts per 100 gallons of spray solution (0.75% v/v to 2.5% v/v). To select the appropriate rate of **Astound®** several factors need to be considered.

The use rate of **Astound®** is determined whether you are using a low load, no load or high load surfactant formulation of glyphosate. Other factors include spray solution water quality, stage of weed growth and environmental conditions at the time of application.

1. High load surfactant glyphosate formulations such as Gly-4 Plus.
  - a. For spray solution water containing 250 ppm or less use 3 quarts to 4 quarts of **Astound®** per 100 gallons of water (0.75% v/v to 1% v/v). For spray solution water containing 500 ppm or less use 4 quarts to 6 quarts of **Astound®** (1% v/v to 1.5% v/v). For spray solution water over 500 ppm use **Astound®** 6 quarts to 10 quarts depending on how extreme water hardness conditions may be.
2. Load surfactant glyphosate formulations such as Gly-4.
  - a. For spray solution water 250 ppm or less use 7 to 8 quarts per 100 gallons of **Astound®** (1.75% v/v to 2% v/v). For spray solution over 250 ppm use 8 to 10 quarts of **Astound®** (2% v/v to 2.5% v/v).
3. Glyphosate formulations that are considered no load (that have no surfactant in the formulation) always use 10 quarts per 100 gallons or 2.5% v/v.

For extreme weather conditions or advanced stages of weed growth, the highest use rate is recommended for the appropriate glyphosate formulation. These situations include extreme heat, drought or cooler conditions that exist in early spring or late fall.

Other spray assist adjuvants may be added with **Astound®** to the spray mixture. These include deposition, canopy penetration and retention adjuvants such as AirLink® or crop oil concentrates that are compatible with glyphosate. Always read and follow label directions on all products.

**MIXING INSTRUCTIONS: IMPORTANT** – Add **Astound®** to the spray tank first before adding any other tank mix product, unless the tank mix pesticide(s) or additives direct otherwise.

- MIXING ORDER:**
1. Fill tank 1/2 full of water and begin agitation.
  2. Add the required amount of **Astound®** while agitating.
  3. Continue filling spray tank with water and add the tank mix components as directed on the pesticide label(s).

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

**STORAGE:** Keep product in original container. Do not contaminate water, food or feed by storage or disposal.

**ADJUVANT DISPOSAL:** Improper disposal of excess spray mixture or rinsate is a violation of Federal law. Wastes resulting from the use of this product may be disposed of through on site spray application or at an approved waste disposal facility.

**CONTAINER DISPOSAL: Nonrefillable containers 5 gallons or less: Nonrefillable container.** Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable containers larger than 5 gallons: Nonrefillable container.** Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Triple rinse or pressure 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 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable containers larger than 5 gallons: Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or by other procedures allowed by State and local authorities.



For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call CHEMTREC at 1-800-424-9300, day or night. If the container is damaged and leaking or material has been spilled follow these procedures:

1. Cover spill with absorbent material.
2. Sweep into disposal container.
3. Wash area with detergent and water and follow with clean water rinse.
4. Do not contaminate water supplies.
5. Dispose of according to instructions.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions For Use and Warranty and Limitation of Damages before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions and Warranty and Limitation of Damages.

**WARRANTY AND LIMITATION OF DAMAGES**

Universal Crop Protection Alliance, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the complete Directions For Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

To the extent consistent with applicable law, Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this Warranty and Limitation of Damages which may not be varied by any verbal or written agreement. If terms are not acceptable, return at once unopened.

To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price.

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<b>Total .....</b>	<b>100%</b>

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