

# ADJUVANT



## AMMONIUM SULFATE DRY BLEND

### PRINCIPAL FUNCTIONING AGENTS:

Sodium and ammonium salts of sulfuric acid, 2-hydroxy-1,2,3-tricarboxylic acid..... 100.00%  
**TOTAL:** ..... 100.00%

### KEEP OUT OF REACH OF CHILDREN DANGER

#### HAZARD STATEMENTS

Causes severe skin burns and eye damage.  
 Causes serious eye damage.

#### PRECAUTIONARY STATEMENTS

##### General:

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read label before use.



##### Prevention:

**DO NOT** breathe the dust/fume/gas/mist/vapours/spray.  
 Wash hands, face and other affected areas thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

**IF SWALLOWED:** rinse mouth. **DO NOT** induce vomiting.  
**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Wash contaminated clothing before reuse.

**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing.

##### Immediately call a POISON CENTER or doctor/physician.

Specific treatment see Section 4, First Aid Measures, on this SDS.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

##### Storage:

Store locked up.  
**Disposal:**  
 Dispose of contents/container to Local, State and Federal Regulations.

#### FIRST AID

Call a poison control center or doctor immediately for treatment advice.

**IF SWALLOWED:** Have person sip a glass of water if able to swallow. **DO NOT** induce vomiting unless told to do so by a poison control center or doctor. **DO NOT** give anything by mouth to an unconscious person.

**IF OF 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. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**VIXEN-D** is a water conditioner/ammonium sulfate blend of acids and acid salts to form a superior, low-rate designed to generate the performance equal to ammonium sulfate at a lower use rate.

**VIXEN-D** is formulated to diminish the interference of hard water ions (such as calcium, magnesium, and including iron). **VIXEN-D** will perform well with all formulations of glyphosate and other products that call for ammonium sulfate in the tank mix.

**VIXEN-D** does not contain any surfactant and may be used on cotton for glyphosate sprays.

**VIXEN-D** is used to treat water to get the most out of herbicides by reducing pH, complexing, and sequestering hard water ions. Weak acid herbicides such as dicamba and 2,4-D and other and salt base herbicides, will be improved by the addition of **VIXEN-D** to the spray tank.

**VIXEN-D** reduces the pH of the spray solution, and should only be used with products that allow and are compatible with acidic conditions

Lbs./100 gallons	pH of solution
Start	7.1
0.25	2.9
0.50	2.5
0.75	2.4
1.00	2.3

#### DIRECTIONS FOR USE

**VIXEN-D** may be used for pest control products used in agriculture, non-crop, industrial, right-of ways, forestry, turf and ornamentals that allow the addition of acidic ingredients.

Always add **VIXEN-D** to spray water, before adding pesticides.

**VIXEN-D** may be used for applications made by air or ground. **DO NOT** use in aquatic applications.

#### MIXING RATES

**VIXEN-D** may be used as an ammonium sulfate substitute with pest control products that advise or require the addition of ammonium sulfate. Two pounds of **VIXEN-D** has established in field trials that it provides results equivalent to 8.5 of ammonium sulfate.

#### SUGGESTED USE RATES

##### Herbicides, Desiccants and Defoliants:

2 to 4 lbs. per 100 gallons of spray mixture.

##### pH Reduction for Insecticides:

0.25 to 1.0 lb per 100 gallons of spray mixture.

The lowest rate can be used if weeds are young or actively growing. Use elevated rates when weeds are large or hardened off due to stress or warm weather.

Fill spray tank about half full of water and begin stirring. Add the **VIXEN-D** to spray tank first. Continue mixing and add pesticides and other mix tank partners to spray tank while continuing to fill.

#### STORAGE AND DISPOSAL

Store in a cool, dry place, in the original container. Completely empty bag into spray tank, and if feasible, rinse during mixing and loading, then offer container for recycling or dispose of in a sanitary landfill. Dispose of container in a safe manner in accordance with federal, state, and local regulations. **DO NOT** contaminate soil or water when cleaning equipment, or disposing of equipment wash-waters.

#### WARRANTY

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, 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, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of INNVICTIS CROP CARE, LLC or the Seller. All such risks shall be assumed by the Buyer. INNVICTIS CROP CARE, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above.

**INNVICTIS CROP CARE LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL INNVICTIS CROP CARE LLC OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. INNVICTIS CROP CARE LLC and the Seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of INNVICTIS CROP CARE, LLC.**



## NET WEIGHT: 12 lb

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