

HELM-ADE

Ammonium Sulfate Replacement • Water Conditioning Agent / pH Adjuster Surfactant Supporting Agent For Glyphosate 41% IPA Salts

ACTIVE INGREDIENTS:

Trihydroxy propane, Polyhydric alcohols, Sulfated nitrogen complex and potentiating surfactants 80%
INERT INGREDIENTS 20%
TOTAL: 100%

Note: Ingredients exempt from tolerance under CFR 40-180.1001(c).

GENERAL INFORMATION:

Helm-Ade is a specialty water conditioner and a pH acidifier designed to be used with glyphosate IPA salts and glyphosate IPA tank mixes. Helm-Ade will improve the performance of certain herbicides such as glyphosate. Helm-Ade will help to prevent antagonism from hard water cations such as iron, calcium, manganese, magnesium, aluminum and other impurities in the spray solution. Helm-Ade increases the rate that the herbicide adsorbs into plants and helps improve efficacy on difficult to kill weeds in difficult to kill weather situations. Helm-Ade reduces foam in the spray solution.

DIRECTIONS FOR USE:

Helm-Ade is specifically designed to be used with Helosate glyphosate and other glyphosate IPA salt spray mixes, which are intended for use with products, registered for agricultural, horticultural, turf, ornamental, industrial, aquatic and non-crop uses. For over the top application please consult with your seed suppliers first.

CAUTION: Read and follow all pesticide label directions. Do not use where the pesticide label specifically prohibits the use of an adjuvant and/or surfactant in tank mixes. If the pesticide label neither recommends nor prohibits an adjuvant, the applicator must run compatibility tests of both spray mixture and check a small area for crop safety. The addition of an adjuvant to spray mixtures may cause phytotoxicity to susceptible crop and vegetation. Care should be exercised when using on new varieties or crops not previously treated with Helm-Ade. **CAUTION: Do not use with Potassium Glyphosate and 2,4-D Amine Tank Mixtures.**

Helm-Ade should be used in glyphosate IPA salt tank mixes at rates of 1-3 qt/100 gallons of water. Helm-Ade is recommended to be used at 1-2 qt/100 gallons of water when used as an ammonium sulfate replacement for "loaded" glyphosate IPA salt herbicides. Helm-Ade is recommended to be used at 2-3 qt/100 gallons of water when used as a nonionic surfactant and ammonium sulfate replacement for "unloaded" glyphosate IPA salt herbicides. Helm-Ade may be used with other pesticides that may benefit from an adjuvant that provides water conditioning or acidifying properties. Use Helm-Ade at the lower use rate under normal growing conditions and with good water quality. Use the higher rate of Helm-Ade when water quality and/or weed sizes will make weed control difficult.

For all applications: Do not substitute Helm-Ade for water required by the label. Spray equipment should be rinsed thoroughly after use.



CONTENTS:

2.5 GAL (9.46 L)

HELM AGRO US, INC.

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STORAGE AND DISPOSAL:

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

Storage:

Keep this container tightly closed. Store above 20 degrees F. Store in original container. **Do not store in aluminum, copper, zinc, or mild steel containers.** Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment washwater, spray disposal wastes or by cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame.

In the event of a major spill, fire or other emergency, call CHEMTREC at (800) 424-9300.

Disposal:

Triple rinse container and pour rinsate into spray tank. Do not reuse container. Offer triple-rinsed container for recycling, or puncture & dispose of in a sanitary landfill or by other procedures approved by appropriate authorities.

PRECAUTIONARY STATEMENTS:

CORROSIVE: May cause **severe** eye, skin and respiratory irritation. May cause allergic skin reactions. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and chemical resistant gloves when handling. Harmful if inhaled. Do not breathe vapors or spray mist. Harmful if swallowed. Thoroughly wash exposed areas of skin after use. Flush with clean water for at least 30 minutes. Seek medical advice immediately.

FIRST AID:

If swallowed: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

If on skin: Remove contaminated clothing. Wash affected area with plenty of soap and water. Get medical attention if irritation persists.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

KEEP OUT OF REACH OF CHILDREN WARNING

Stop – Read Entire Label Before Using

CONDITIONS OF SALE AND WARRANTY:

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions should be followed carefully. This does not eliminate all risks inherently associated with use of this product. Crop injury, performance of weed control 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 Helm Agro US, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Helm Agro US, Inc. 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. Helm Agro US, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL Helm Agro US, INC. OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Helm Agro US, INC. 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 Helm Agro US, Inc.