



## WATER CONDITIONING AGENT AND AMMONIUM SULFATE REPLACEMENT

### \*ACTIVE INGREDIENTS:

Proprietary blend of ammonium polyacrylates, hydroxy carboxylates and sulphates . . . . .	50.0%
<b>Components ineffective as an adjuvant</b> . . . . .	50.0%
<b>TOTAL</b> . . . . .	100.0%

All ingredients are accepted for use under CFR 40, 180.1001(c).

### KEEP OUT OF REACH OF CHILDREN WARNING

May be harmful if swallowed  
May be harmful in contact with skin  
Causes eye irritation  
Causes mild skin irritation  
May be harmful if inhaled

**See Inside Panel for Additional  
Precautionary Statements**

SN 021015/0315

NET CONTENTS: 2.5 GALLONS (9.46 LITERS)

**Manufactured For  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERSVILLE, TN 38017 • (901) 761-0050**

### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

**BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.**

May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. Causes mild skin irritation. May be harmful if inhaled. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

**Personal Protective Equipment (PPE):** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks. Do not smoke, drink, or eat while using this product. Take off any contaminated clothing and wash before reuse.

### FIRST AID

<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 by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious or convulsing person.</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>
<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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

### STORAGE AND DISPOSAL

Store in original container only. Product may crystallize at temperatures less than 33°F. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not contaminate water sources by run off from cleaning of equipment, disposal of equipment washwater or spray waste. Do not store near heat or open flame. Do not store with oxidizing agents.

**Container Disposal:** Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling or reconditioning, or puncture and dispose of according to state and local authorities. If burned, stay out of smoke.

For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

### GENERAL INFORMATION

**ReQUEST®** is a water conditioning agent designed to enhance the performance of pesticides affected by hard water. Additionally, the sequestrants and chelating agents that make up **ReQUEST®** are combined with ammoniacal nitrogen. Ammoniacal nitrogen has been recognized as an effective enhancer of pesticide uptake by some plant species. As a result of these activities, **ReQUEST®** can positively affect pesticide spray application and efficacy. **ReQUEST®** contains no surfactants and additional adjuvants may be necessary for optimum pesticide performance. Refer to the pesticide label for the need of additional adjuvants. **ReQUEST®** does not contain buffering agents and therefore is compatible with sulfonyleurea herbicides and other pesticides which are sensitive to reduced pH. Never mix **ReQUEST®** with undiluted pesticides.

### DIRECTIONS FOR USE

**FOR USE WITH PRODUCTS REGISTERED FOR: AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, ORNAMENTAL, RIGHTS-OF-WAY, TURF, NON-CROPLAND, AND OTHER USES.**

In all applications of **ReQUEST®**, read and follow directions on the pesticide(s) label as to procedures, dosage rates, timing of applications, and restrictions for the crop on which the pesticide is to be applied. **ReQUEST®** can increase the activity of some pesticides. The use of test areas is recommended when applying during periods of high humidity or high temperature or to other situations where field experience is limited.

The addition of an adjuvant to some pesticides or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops. Prior to the addition of **ReQUEST®** to spray mixes, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial or must take the recommendations from the labels of products to be tank mixed.

### RECOMMENDED USE RATES

**GROUND:** Apply at the rate of 1-4 pints in 100 gallons of spray (0.125-0.50% v/v).

**AERIAL:** Use 2-4 pints per 100 gallons of spray (0.25-0.50% v/v).

**WATER CONDITIONING:** Use 1 to 5 pints per 100 gallons of water as a general use water conditioning agent for hard water sequestering.

**NOTE:** **ReQUEST®** is a water conditioning agent. **ReQUEST®** does not replace the need for a crop oil concentrate adjuvant or nonionic surfactant. If the pesticide label recommends it, then additional crop oil concentrate adjuvant or nonionic surfactant should be added.

### MIXING

Prior to any pesticide application, all spray mixing and application equipment must be thoroughly cleaned. Carefully observe all cleaning directions on the pesticide label.

1. Fill spray tank one-half full with water and begin agitation.
  2. Add **ReQUEST®**.
  3. Add pesticides and/or fertilizers as directed by manufacturer's label or in the following sequence:
    - A. Micronutrients and fertilizers
    - B. Dry flowables or water dispersible granules
    - C. Flowable
    - D. Water soluble pesticides
    - E. Emulsifiable concentrates
  4. Continue agitation and complete filling of the spray tank.
- Do not mix **ReQUEST®** with undiluted pesticides.

Terminology on this label is consistent with the definitions approved by Subcommittee E-35.22 on Pesticide Formulations and Application Systems under the jurisdiction of ASTM Subcommittee E-35.

Disclaimer: Always refer to the label **on the product** before using Helena or any other product.

---

## **CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

---

**Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

© Copyright Helena Holding Company, 2015

**ReQUEST**® is a registered trademark of Helena Holding Company