**GENERAL INFORMATION**

**REDUCE®** is a combination of ammonium sulfate, nonionic surfactant, and water conditioning agents designed to enhance the efficacy and application of herbicides. **REDUCE®** is recommended for use with those herbicides that have label recommendations for including ammonium sulfate and nonionic surfactant. **REDUCE®** is also capable of correcting water quality problems due to hardness, alkaline pH, and carbonates.

**DIRECTIONS FOR USE**

**NOT FOR AQUATIC USE.**

In all applications of REDUCE®, read and follow the directions on the pesticide(s) label as to procedures, dosage rates, timing of application and restrictions for the crop on which the pesticide is to be applied. **REDUCE®** can increase the activity of some pesticides. The use of a test area is recommended when applying during periods of high humidity, high temperatures or other situations where field experience is limited. The addition of an adjuvant to some pesticides, crop nutritionals and other spray mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops. Prior to the addition of REDUCE® to any spray mix, 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 the products with which it is to be mixed.

**USE RATE RECOMMENDATIONS**

**REDUCE®** applied at the rate of 2.5 gallon per 100 gallons of water provides the equivalent of 8.5% of Ammonium Sulfate and 2 pts of nonionic surfactant, and water conditioning. Use higher or lower rates depending on the amount of Ammonium Sulfate or nonionic surfactant that is needed.

**MIXING**

Prior to any pesticide application, all spray mixing and 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 **REDUCE®** 3. Add pesticides and/or fertilizers as directed by manufacturer’s label or in the following sequence:

- Micronutrients and fertilizers
- Dry Flowables or water dispersible granules
- Flowables
- Water soluble pesticides
- Emulsifiable concentrates

Continue agitation and complete filing of spray tank. Do not mix **REDUCE®** with undiluted pesticides.

**CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY**

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 for 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.

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**Water Conditioning Agent and Nonionic Surfactant**

**PRINCIPAL FUNCTIONING AGENTS**

<table>
<thead>
<tr>
<th>By Weight</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Sulfate, Alkyl Polyglycoside, 2-Hydroxy-1,2,3-propanetricarboxylic acid</td>
<td>45.0%</td>
</tr>
<tr>
<td>Constituents Ineffective as Spray Adjuvants</td>
<td>55.0%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>100.0%</td>
</tr>
</tbody>
</table>

**KEEP OUT OF REACH OF CHILDREN**

CAUTION

See Additional Precautionary Statements Below

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES. Harmful if inhaled, absorbed through the skin or ingested. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment:**

Wear chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks.

**FIRST AID**

| 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. Call a poison control center or doctor for treatment advice. |
| If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. |
| If swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor. Do not give anything by mouth to an unconscious person. |
| If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison center control or doctor for further treatment advice. |

**STORAGE AND DISPOSAL**

Store in original container only. Keep container tightly closed, do not allow water to be introduced into the contents of this container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste. Do not store near heat or open flame.

**CONTAINER DISPOSAL:**

**NON-REFILLABLE CONTAINER DISPOSAL:**

Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading and add rinsate to spray tank. Recycling contaminated containers is the best option of disposal. 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.acrecycle.org. Decontaminated containers may also be disposed of in a sanitary landfill. For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

**REFILLABLE CONTAINER:**

Refill this container with adjuvants 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 the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. If the container is not being refilled, return the container to the point of purchase.