



Water Conditioning Agent and Nonionic Surfactant

PRINCIPAL FUNCTIONING AGENTS

Ammonium Sulfate, Alkyl Polyglycoside, 2-Hydroxy-1,2,3-propanetricarboxylic acid	45.0%
Constituents Ineffective as Spray Adjuvants	55.0%
TOTAL	100.0%

By Weight

KEEP OUT OF REACH OF CHILDREN

WARNING

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



WA Reg. No. 5905-12001

SN 033115

NET CONTENTS: 2.5 Gallons (9.46 Liters)
 250 Gallons (946.25 Liters)
 Bulk

MANUFACTURED FOR

HELENA CHEMICAL COMPANY
 225 SCHILLING BOULEVARD, SUITE 300
 COLLIERVILLE, 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 serious 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: 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 to 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 control center 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 decontaminated containers is the best option of container 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.

GENERAL INFORMATION

Re-Duce® is a combination of ammonium sulfate, nonionic surfactant, and water conditioning agents designed to enhance the efficacy and application of herbicides. Re-Duce® is recommended for use with those herbicides that have label recommendations for including ammonium sulfate and nonionic surfactant. Re-Duce® 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 Re-Duce®, 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. Re-Duce® 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 Re-Duce® 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

RE-DUCE® applied at the rate of 2.5 gallons per 100 gallons of water provides the equivalent of 8.5# of Ammonium Sulfate and 2 pints 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 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 Re-Duce®.
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. Flowables
 - D. Water-soluble pesticides
 - E. Emulsifiable concentrates

Continue agitation and complete filling of spray tank.

Do not mix Re-Duce® 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.

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

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

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.

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SPECIMEN LABEL