

# GROUND<sup>®</sup>-CA

## NONIONIC ADJUVANT

### \*ACTIVE INGREDIENTS:

Mineral Oil	85.00%
Polyoxyethylated Polyol Fatty Acid Ester and Polyol Fatty Acid Ester	15.00%
<b>TOTAL</b>	<b>100.00%</b>
Surfactant Content	15.00%
Unulfonated Oil Residue (UR) Value	95.00% minimum

\*All ingredients are accepted for use under CFR 40, 180.

## KEEP OUT OF REACH OF CHILDREN WARNING

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

See Inside Panel for Additional Precautionary Statements

SN 020114

CA Reg. No. 5905-50096-AA

NET CONTENTS:

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

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

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

Causes skin irritation. May be harmful in contact with skin. May be harmful if swallowed. Causes eye irritation. May be harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Keep out of reach of children.

**Personal Protective Equipment (PPE):** Wear chemical-resistant gloves, long-sleeved shirt and long pants, shoes plus socks when mixing or applying **GROUND<sup>®</sup>-CA**.

#### FIRST AID

<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 eye.</li><li>Call a poison control center or doctor for treatment advice.</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 further treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>Do not give <b>any</b> liquid to the person.</li><li>Immediately call poison control center or doctor.</li><li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>Do not give anything by mouth to an unconscious person.</li></ul>
<b>NOTE TO PHYSICIAN:</b> Petroleum distillate may pose an aspiration pneumonia hazard. If contact is made with a spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide(s) label(s).	

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below.

**Applicators and other handlers must wear:**

- Long-sleeved shirts and long pants
- Shoes plus socks
- Waterproof gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. 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

**GROUND<sup>®</sup>-CA** is a nonionic blend of special surfactants and a highly refined spray oil and is designed for use with a broad range of pesticides where an oil concentrate adjuvant is recommended. Subject to the cautionary statements set forth in the Directions for Use, **GROUND<sup>®</sup>-CA** may be used with other pesticides and/or fertilizer products.

The addition of **GROUND<sup>®</sup>-CA** to a spray tank improves pesticide application by modifying the wetting and deposition characteristics of the spray solution resulting in a more even and uniform spray deposit.

**GROUND<sup>®</sup>-CA** can positively affect pesticide spray application and pesticide efficacy. Optimum application and effects, however, can be influenced by the crop, pest, spray equipment, spray volume, pressure, droplet size, spray mixture and environmental factors. Consequently, it is recommended that careful observations of the spray deposit be made and adjuvant concentrations be adjusted accordingly.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. Do not spray pesticides if conditions of thermal inversion exist, or if wind direction and speed may cause drift onto adjacent areas. Drift minimization is the responsibility of the applicator. Consult your local and state agricultural authorities for information regarding avoiding or minimizing spray drift.

## DIRECTIONS FOR USE

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

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 **GROUND<sup>®</sup>-CA** to spray tank mixes or prior to the use of **GROUND<sup>®</sup>-CA** with a pesticide or fertilizer where an oil concentrate adjuvant is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial.

**GROUND<sup>®</sup>-CA** may be applied by Ground, CDA, Aerial or Aquatic spray equipment. In most cases, use enough **GROUND<sup>®</sup>-CA** to allow for uniform wetting and deposition of the spray onto leaf surfaces without runoff.

**GROUND, AERIAL, LOW VOLUME, CDA:** Use 4-8 pints per 100 gallons of spray solution or 0.50-1.00% v/v concentration.

**NOTE:** The above use recommendations are considered to be adequate for most uses.

Some pesticides, however, may require higher rates for optimum effect. Follow the pesticide label directions when this occurs.

**CAUTION:** Do not mix with oxidizing agents unless oxidizing agents are in solution.

## MIXING

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

Fill spray tank one-half full with water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

- Dry flowables or water dispersible granules
- Wettable powders
- Flowables
- Solutions
- Emulsifiable concentrates

and continue filling. Add **GROUND<sup>®</sup>-CA** last and continue agitation.

## 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:

- Refund of the purchase price paid by buyer or user for product bought, or
- 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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