

# CROP OIL CONCENTRATE



## PERSONAL PROTECTIVE EQUIPMENT

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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and 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 contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste. 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

**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.acrcycle.org](http://www.acrcycle.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

**CROP OIL CONCENTRATE** 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, **CROP OIL CONCENTRATE** may be used with other pesticides and/or fertilizer products. The addition of **CROP OIL CONCENTRATE** 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. **CROP OIL CONCENTRATE** 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. With both aerial and ground applications, the use of a drift control or spray deposition additive (in accordance with pesticide label directions) may reduce the potential for drift to occur. 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 **CROP OIL CONCENTRATE** to spray tank mixes or prior to the use of **CROP OIL CONCENTRATE** 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.

**CROP OIL CONCENTRATE** may be applied by Ground, CDA, Aerial or Aquatic spray equipment. In most cases, use enough **CROP OIL CONCENTRATE** 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 .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 label.

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:

1. Dry flowables or water dispersible granules
2. Wettable powders
3. Flowables
4. Solutions
5. Emulsifiable concentrates

and continue filling. Add **CROP OIL CONCENTRATE** last and continue agitation.

### \*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%
Un sulfonated 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. 5905-50085-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

**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 contact with skin, eyes or clothing. 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:** Wear chemical-resistant gloves, long-sleeved shirt and long pants, shoes plus socks when mixing or applying **CROP OIL CONCENTRATE**.

### 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 any liquid to the person.</li><li>• Immediately call a 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>

**NOTE TO PHYSICIAN:** 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 label(s).

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

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## **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.

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