

## SPECIMEN LABEL

# BLENDEX® VHC

## CONCENTRATED COMPATIBILITY AND STABILIZING AGENT FOR LIQUID FERTILIZERS AND PESTICIDES

### \*ACTIVE INGREDIENTS:

Proprietary blend of Alkyl Aryl Polyethoxy Ethanol	
Phosphate Esters and other Ethoxylated derivatives	90.00%
Components ineffective as a spray adjuvant	10.00%
<b>TOTAL</b>	<b>100.00%</b>

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

### KEEP OUT OF REACH OF CHILDREN

## WARNING

Liquid causes eye injury. Do not get in eyes. In case of contact with eyes, wash for 15 minutes with plenty of water, then get medical attention.

### SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

SN 0404/0106

NET CONTENTS:  1 Gallon (3.785 Liters)  
 2.5 Gallons (9.46 Liters)

### MANUFACTURED FOR HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TN 38017

### PRECAUTIONARY STATEMENTS

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

Formulated product may be fatal if swallowed. Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing. Follow all precautionary statements on the accompanying pesticide(s) and/or fertilizer label(s).

#### WHAT TO DO IN CASE OF CONTACT:

**IF IN EYES:** Immediately flush eyes with clean water for at least 15 minutes. See a physician.

**IF SWALLOWED:** Immediately induce vomiting if conscious. Immediately call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Move victim to fresh air. Give artificial respiration if needed. See a physician.

**IF ON SKIN:** Remove contaminated clothing and wash skin with soap and water. Call a physician if irritation persists.

If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment/ First Aid" on the pesticide label.

#### 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. Flammable. 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

BLENDEX® VHC is an anionic compatibility and stabilizing agent designed to improve the compatibility of liquid fertilizers with pesticides, as well as combinations of two or more pesticides mixed for single spray applications. BLENDEX® VHC improves the dispersion of multi-component spray mixes and results in more uniform application of pesticide active ingredients. BLENDEX® VHC can positively affect pesticide spray application and pesticide efficacy. BLENDEX® VHC has some capabilities as a wetter/spreader and as a buffering agent.

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, TURF AND OTHER USES.

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

BLENDEX® VHC should be added to improve spray mix compatibility according to the following directions:

### MULTIPLE PESTICIDE SPRAY MIXES

**Suggested Use Rates:** ½ - 5 pints per 100 gallons.

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

**MIXING:** Agitate the spray mix as much as possible. Start adding BLENDEX® VHC at the lowest rate. Increase the amount of BLENDEX® VHC as needed to resolve the spray mix incompatibility. Do not exceed the highest rate of BLENDEX® VHC which is recommended.

### PESTICIDE/LIQUID FERTILIZER SPRAY MIXES

BLENDEX® VHC should be added according to the following directions:

I. Procedure for determining the amount of BLENDEX® VHC to use:

- Measure one gallon of liquid fertilizer or water in a gallon jug.
- Add 1, 2 or 3 teaspoons of BLENDEX® VHC to one gallon of liquid fertilizer or water and mix.
- Add pesticide, shake well and observe stability of the dispersion. Good dispersion for five to ten minutes indicates a sufficient amount of BLENDEX® VHC being used.

NOTE: One (1) teaspoon per gallon approximates one (1) pint per 100 gallons of spray.

II. Fill the spray tank with the required amount of fertilizer or water.

NOTE: A better dispersion of the pesticide may be obtained if when:

- mixing an emulsifiable concentrate pesticide with a fertilizer - one volume of pesticide is premixed with two volumes of water and that mixture is added last.
- mixing a wettable powder pesticide with a fertilizer - the pesticide is premixed with 10 gallons of liquid fertilizer and that mixture is added last.

III. Add the required amount of BLENDEX® VHC (1 - 3 pints per 100 gallons of liquid fertilizer or water as determined by step 1) and mix thoroughly.

Suggested rates of BLENDEX® VHC to test with the following grades of fertilizer are:

1 - 3 Pints/100 Gallons	2 - 3 Pints/100 Gallons			
32-0-0	20-20-20	10-34-0	6-16-6	7-21-7
30-0-0	20-5-5	10-24-0	5-23-5	
28-0-0	15-15-0	10-15-5	5-10-10	
25-0-0	15-10-8	10-5-5	4-10-10	
	15-10-6	8-24-0	3-20-12	
	12-48-8	8-16-8	12-12-6	

Suggested rates of BLENDEX® VHC to test with fertilizers plus pesticides are 2 - 3 pints per 100 gallons. Suggested rates of BLENDEX® VHC to test with water plus pesticides are 1 - 3 pints per 100 gallons.

IV. Add the pesticide(s) and mix well before spraying.

### WETTER/BUFFER

Use ½ - 2 pints of BLENDEX® VHC per 100 gallons of water to lower the pH of the spray solution. The rates of BLENDEX® VHC may vary with water conditions and will depend upon the alkalinity of the water used. The use of a pH measuring device is recommended. Final spray solution pH for many pesticides should be in the 4 - 7 range.

NOTE: Do not buffer copper products below pH 5.0.

### 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 should 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

## SPECIMEN LABEL

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, 2006.

**BLENDEX®** is a registered trademark of Helena Holding Company.