

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%
TOTAL	100.00%

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

KEEP OUT OF REACH OF CHILDREN

DANGER

May be harmful if swallowed
Harmful in contact with skin
Causes severe skin burns and eye damage
May be harmful if inhaled
Combustible liquid



NET CONTENTS: □ 1 Gallon (3.785 Liters) SN 032415
□ 2.5 Gallons (9.46 Liters)

MANUFACTURED FOR

HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017
901-761-0050

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

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. Harmful in contact with skin. Causes severe skin burns and eye damage. May be harmful if inhaled. Combustible liquid. Keep product locked up and out of the reach of children. Keep away from heat/sparks/open flames/hot surfaces. 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 (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a POISON CENTER or doctor immediately. Rinse mouth. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air and keep at rest in a position comfortable for breathing if they feel unwell. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a POISON CENTER or doctor for treatment advice.
IF ON SKIN OR HAIR:	<ul style="list-style-type: none"> Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

STORAGE AND DISPOSAL

Store in original container only in a well-ventilated place. Keep cool. 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(s) label(s) 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.

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(s) label(s).

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:
 - A. Measure one gallon of liquid fertilizer or water in a gallon jug.
 - B. Add 1, 2 or 3 teaspoons of BLENDEX® VHC to one gallon of liquid fertilizer or water and mix.
 - C. 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 when:

1. 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.

-OR-

2. 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
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	7-21-7	

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 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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