

SOY-DEX[®] PLUS

93:7 SPRAY ADJUVANT

*PRINCIPAL FUNCTIONING AGENTS:

Vegetable Oil, Polyol Fatty Acid Esters, Polyethoxylated esters thereof and Ethoxylated Alkyl Aryl Phosphate Esters	99.0%
COMPONENTS INEFFECTIVE AS ADJUVANT	1.0%
TOTAL	100.0%

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

PATENTED TECHNOLOGY

KEEP OUT OF REACH OF CHILDREN

WARNING

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

NET CONTENTS:	□ 2.5 Gallons (9.46 Liters)	SN 040715
	□ 5 Gallons (18.93 Liters)	
	□ 55 Gallons (208.18 Liters)	
	□ 250 Gallons (946.25 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

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 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 (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 SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • 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 OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of soap and water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if

possible.

- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

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

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. In addition, follow precautionary statements on the accompanying pesticide(s) label.

Do not apply this product in combination with pesticides under conditions involving possible drift to food, forage, or other plantings that might be damaged or rendered unfit for sale, use or consumption.

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.

Do not store with oxidizing agents or ammonium nitrate.

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, fire or exposure, call toll free 1-800-424-9300.

GENERAL INFORMATION

SOY-DEX[®] PLUS is a nonionic blend of special surfactants, buffering agents and blended vegetable oils, and is designed for use with a broad range of pesticides.

Subject to the cautionary statements set forth in the Directions For Use, SOY-DEX[®] PLUS may be used with pesticides and/or fertilizer products. The addition of SOY-DEX[®] PLUS may be used with pesticides and/or fertilizer products. The addition of SOY-DEX[®] PLUS to a spray tank improves pesticide's application by modifying the wetting and deposition characteristics of the spray solution resulting in a more even and uniform spray deposit and by adjusting the pH of alkaline waters and minimizing hydrolysis of pesticides which tend to decompose in alkaline spray solutions. SOY-DEX[®] PLUS 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.

DIRECTIONS FOR USE

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

For use with any pesticide that recommends the use of an oil concentrate spray adjuvant. The addition of an adjuvant to some pesticides or pesticides or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops. Prior to the addition of SOY-DEX[®] PLUS in spray tank mixes and/or prior to the application of SOY-DEX[®] PLUS with a pesticide and/or fertilizer where an oil concentrate adjuvant is not specifically recommended but not prohibited by the product's label, the user or application advisor must have experience with the combination under similar environmental and crop cultural conditions and/or must have conducted a phytotoxicity trial under similar environmental and crop cultural conditions. SOY-DEX[®] PLUS may be applied by ground, CDA, or aerial spray equipment. In most cases, use enough SOY-DEX[®] PLUS to allow for uniform wetting and deposition of the spray onto leaf surfaces without undue runoff or to adjust spray pH to the optimum range.

WHEN USED FOR WETTING, SPREADING, AND DEPOSITION

GROUND: Use 1-8 qts. per 100 gallons of spray solution or follow the pesticide label recommendation if higher or lower volumes are required. Do not use less than 0.5% v/v concentration.

AERIAL, LOW VOLUME, CDA: Use 1-2 pints in 1-5 gallons of water per acre or follow the pesticide label recommendation if higher or lower volumes are required.

WHEN USED AS A BUFFERING AGENT: When SOY-DEX[®] PLUS is used as a buffering agent, a minimum of 2% v/v concentration is recommended. Generally, optimum pesticide performance is achieved when spray solution is in the 4-7 pH range or slightly acidic. The use of a pH measuring device is recommended. Final spray solution pH should be in the 4-7 range.

NOTE: The above use recommendations are considered to be adequate for most uses. Some pesticides, however, may require higher or lower 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.

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

SOY-DEX® PLUS will not economically lower the pH of a solution containing an alkaline buffer.

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
2. Wettable powders
3. Flowables
4. Solutions
5. Emulsifiable concentrates

and continue filling. Add SOY-DEX® PLUS 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:

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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