



# SURpHTAC<sup>®</sup> ADJUVANT

**READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT**

**ACTIVE INGREDIENTS:**

Octylphenoxyethoxyethanol . . . . .	33.0%
Monocarbamide dihydrogensulfate . . . . .	20.4%
Constituents ineffective as adjuvants . . . . .	46.6%
Total: . . . . .	100.00%

CA Reg. No. 11656-50093  
EPA Establishment No. 11656-CA-002

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**  
**(PELIGRO)**

AL USUARIO: Si usted no lee ingles, no usa este producto hasta que la etiqueta le haya sido explicada ampliamente.

**FIRST AID**

**IF IN EYES:** 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. Call a Poison Control Center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF SWALLOWED:** Call a Poison Control Center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything to an unconscious person.

Manufactured By:  
**WESTERN FARM SERVICE, INC.**  
P.O. Box 1168, Fresno, California 93715

Net Contents: 2.5 GALLONS ( \_\_\_\_\_ LITERS)

10/06 (02) dhf

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**DANGER**

Corrosive - causes irreversible eye damage. Do not get in eyes or on skin or on clothing. May cause skin irritation. Avoid contact with spray. Avoid breathing spray mist. Wear suitable protective equipment to protect skin and eyes. For skin, wear coveralls over long-sleeved shirt and long pants, socks, chemical resistant footwear and chemical resistant gloves. For eyes, wear appropriate eyewear such as goggles, face shield or safety glasses. Wash with soap and water after contact with skin. Mineral oil skin coating can reduce the possibility of irritation. Shower at the end of the working day. **DO NOT WEAR** contaminated clothing. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

Do not contaminate water by cleaning of equipment or disposal of wastes. Use this product only as specified on label.

**PHYSICAL OR CHEMICAL HAZARDS**

Concentrated FIRST CHOICE SURpHTAC ADJUVANT is corrosive to nylon, aluminum, leather and copper alloy, such as brass. Wash spillage off thoroughly and neutralize with material such as baking soda, soda ash or household ammonia. The same precautions should be observed in equipment stored after use. A basic rinse should be run through pumps, tank and booms to neutralize residual acidity. Never allow FIRST CHOICE SURpHTAC ADJUVANT to come into contact with undiluted chlorate desiccant as an explosion may result.

**Clothing:** FIRST CHOICE SURpHTAC ADJUVANT can attack cotton, nylon and leather clothing. If FIRST CHOICE SURpHTAC ADJUVANT contacts clothing of this type, flush thoroughly with water to minimize damage. Wear non-nylon plastic protective clothing.

FIRST CHOICE<sup>®</sup> is a registered trademark of Western Farm Service, Inc.  
SURpHTAC is a trademark of Entek Corporation  
Poast<sup>®</sup> is a registered trademark of MicroFlo

### **DIRECTIONS FOR USE**

#### **USE THIS PRODUCT ONLY AS SPECIFIED ON LABEL**

FIRST CHOICE SURpHTAC ADJUVANT is intended to enhance the penetration of the leaf surface for many fungicides, herbicides, insecticides defoliants, desiccant and miticides.

FIRST CHOICE SURpHTAC ADJUVANT reduces the adverse effects that alkaline waters have on the spray solution and provides additional wetting of the sprayed foliage.

FIRST CHOICE SURpHTAC ADJUVANT should be added to the spray water with adequate agitation prior to the addition of the herbicide or desiccant.

#### **FUNGICIDES, INSECTICIDES, AND MITICIDES**

For use with insecticides, fungicides, and miticides where performance may be affected when mixed with alkaline spray waters. Carbamates and organophosphates are generally subject to degradation in the spray tank and plant leaf surface due to alkaline hydrolysis, and benefit from acidulating the spray water.

Add 1/4 to 2 pints of FIRST CHOICE SURpHTAC ADJUVANT to 100 gallons of spray solution. The rate will depend on the water quality; the harder the water, the more FIRST CHOICE SURpHTAC ADJUVANT will be required. Do not reduce the pH below 5.0. Additional spreader-sticker may be added at the rate of 1 pint per 100 gallons to assure adequate coverage.

#### **HERBICIDES**

For use with non-selective and selective herbicides including aquatic herbicides, and to enhance the contact effect of certain pre and post-emergent herbicides unless that use is not allowed by the manufacturer.

For use with non-selective contact herbicides, mix FIRST CHOICE SURpHTAC ADJUVANT with the rate of 3-4 pints per 100 gallons of total spray mixture.

For use with selective herbicides, mix at the rate of 1-3 pints per 100 gallons of total spray. Do not lower the pH of these mixtures below 4.0 as precipitates may form.

For Poast® use on alfalfa, mix at the rate of 1-4 pints per 100 gallons of total spray per acre.

In tank mixes of phenoxy-like products with glyphosate add FIRST CHOICE SURpHTAC ADJUVANT to the water, followed by the glyphosate and phenoxy last.

Where rates of FIRST CHOICE SURpHTAC ADJUVANT below 2 pints per 100 gallons are used, the addition of 1 pint per 100 gallons of good quality non-ionic surfactant will assure adequate wetting.

#### **DEFOLIANTS AND DESICCANTS**

Use with defoliants and desiccants at the rate of 3-4 pints per 100 gallons of total spray solution. Use higher rates in more alkaline waters.

**NEVER MIX UNDILUTED CHORATES WITH FIRST CHOICE SURpHTAC ADJUVANT AS AN EXPLOSION MAY RESULT.**

### **STORAGE & DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

**STORAGE:** Do not store at temperatures above 140°F.

**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) all containers and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or use other procedures approved by state and local authorities.

### **PATENTS AND PATENTS PENDING**

Manufacture, composition and/or use patents owned by Union Oil Company of California ("Unocal") relative to the product contained herein include U.S. Patents 4,404,116 and 4,445,925, and various foreign patents. Other patents are pending.

A license is hereby granted to the purchaser, under Unocal's U.S. Patents only, and only for the use of the product contained herein, and only in accordance with the instructions on this label.

**NO OTHER LICENSE EXPRESS OR IMPLIED IS GRANTED. NOT FOR EXPORT.**

### **CONDITIONS OF SALE AND WARRANTY**

Western Farm Service warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Western Farm Service. To the fullest extent permitted by law, Western Farm Service shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at Western Farm Service election, the replacement of this product. Western Farm Service MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.