

# SURpHTAC™

## PRINCIPAL FUNCTIONING AGENTS:

Octylphenoxyethoxyethanol .....	33.0%
Monocarbamide dihydrogen sulfate.....	20.4%
Constituents ineffective as adjuvants .....	46.6%
<b>Total:</b> .....	100.0%

CA Reg. No. 34704-50086

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

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

**Net Contents: 1 U.S. Gallon (3.785 L)**



Loveland Products, Inc. • PO Box 1286 • Greeley, CO 80632

## PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND 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 protective 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.

### FIRST AID

**IF IN EYES** – Hold eye open and rinse slowly and gently with water for 15 to 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 to 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.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL 1-866-944-8565.**

### 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 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 SURpHTAC ADJUVANT to come into contact with undiluted chlorate desiccant as an explosion may result.

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

## DIRECTIONS FOR USE

USE THIS PRODUCT ONLY AS SPECIFIED ON LABEL

**SURpHTAC ADJUVANT** is intended to enhance the penetration of the leaf surface for many fungicides, herbicides, insecticides defoliant, desiccants and miticides.

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

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

**NOT FOR AQUATIC USE IN WASHINGTON.**

### 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 SURpHTAC ADJUVANT to 100 gallons of spray solution. The rate will depend on the water quality; the harder the water, the more 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 SURpHTAC ADJUVANT with the rate of 3.0 to 4.0 pints per 100 gallons of total spray mixture.

For use with selective herbicides, mix at the rate of 1.0 to 3.0 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 1.0 to 4.0 pints per 100 gallons of total spray per acre.

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

Where rates of 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 defoliant and desiccants at the rate of 3.0 to 4.0 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.**

**NOT FOR EXPORT.**

## STORAGE AND DISPOSAL

**STORAGE:** Store in a cool, dry place. Store in original container. Keep container tightly closed. Do not reuse empty container. Do not store at temperatures above 140°F.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes may be disposed of on-site or at an approved waste disposal facility. Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. 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.acrecycle.org](http://www.acrecycle.org).

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC: 1-800-424-9300.**

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**BEFORE BUYING OR USING THIS PRODUCT**, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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