

# MSO ULTRA™

## Modified Vegetable Oil Plus Surfactant



**PRECISION**  
LABORATORIES

### PRINCIPAL FUNCTIONING AGENTS

Modified Vegetable (Seed) Oil and Alkyl Phenol Ethoxylate ..... 100%  
TOTAL ..... 100%

All ingredients are approved for use under 40 CFR 180

Surfactant content: 10%

CA Reg. No. 9349-50035

WA Reg. No. 9349-20003

### KEEP OUT OF REACH OF CHILDREN WARNING



### PRECAUTIONARY STATEMENTS

Causes skin and eye irritation. May be harmful if swallowed or inhaled. Wear personal protective equipment. Wash hands, face, and other affected areas thoroughly after handling. Do not eat, drink, or smoke while using this product. Specific treatment is given in the First Aid section on this label or on the SDS.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)



Applicators and other handlers of this chemical must wear: protective eyewear, chemically impervious gloves, long-sleeved shirt, pants, shoes and socks. Consult the SDS for further information.

### FIRST AID

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have the person rinse mouth and 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 by mouth to an unconscious person.

**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 eyes. Call a poison control center or doctor for treatment advice.

**If On Skin (or clothing):** Immediately take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water for 15-20 minutes. If skin irritation occurs, seek medical attention/advice. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Remove person to fresh air. If person is 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.

### GENERAL INFORMATION

MSO ULTRA is a proprietary methylated seed oil plus surfactant blend formulated to enhance pesticide performance while offering improved wetting and penetrating attributes. Using MSO ULTRA eliminates the need to add nonionic surfactants or crop oil concentrates to certain tank mixes.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

### DIRECTIONS FOR USE

The addition of adjuvants to some pesticides and/or fertilizers and their tank mixes may cause phytotoxicity to the foliage and/or fruit of desirable crops. Before using MSO ULTRA, the applicator or crops

advisor must have experience with the pesticide combination, including MSO ULTRA, or must have conducted a phytotoxicity test.

### SHAKE WELL BEFORE USING.

NOT FOR AQUATIC USE. FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND AND RIGHTS-OF-WAY.

### USE RATES

Per Acre: 1 ¼ to 2 pints (use the higher rate when weeds are under weather stress or at the maximum labeled size for control).

By Volume: 1.0% v/v (1 gallon of MSO ULTRA per 100 gallons of spray solution).

### MIXING

In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants
3. Dry soluble and suspension fertilizers / micronutrients
4. Liquid drift retardants and flowable formulations (F & FL)
5. Liquid concentrates, suspension concentrates, microencapsulated and capsule suspension (LC, SC, ME, CS)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. Water conditioners and other adjuvants (COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

### STORAGE AND DISPOSAL

**Protect product from freezing.** If product freezes, warm to room temperature and agitate before use. Keep containers sealed when not in use. Store in original container only. Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. 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). Decontaminated containers and rinsate must be disposed of in accordance with local, state and federal regulations.



**WARNING:** This product can expose you to chemicals including methanol, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

# S P E C I M E N L A B E L

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For 24-hour technical assistance when using this product in the USA and Canada, call: 1-800-323-8351

For 24-hour emergency service when using this product in the USA and Canada, call CHEMTREC: 1-800-424-9300

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