

# Upland MSO

## MODIFIED SOYBEAN OIL CONCENTRATE

### PRINCIPAL FUNCTIONING AGENTS:

Modified Soybean Oil Blend and Nonionic Surfactant Emulsifier ..... 100%

All ingredients are exempt from tolerance requirements under 40 CFR 180.

## KEEP OUT OF REACH OF CHILDREN CAUTION

Causes moderate eye irritation. Harmful if inhaled. Avoid breathing vapors. Harmful if swallowed. Avoid contact with skin, eyes or clothing. When handling wear coveralls over short-sleeved shirt, short pants, socks, chemical resistant shoes and chemical resistant gloves.

**NOTE:** Read and follow all label directions and cautions on all products used.

### FIRST AID

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

***Have the product container with you when calling a poison control center or doctor, or going for treatment.***

**If Swallowed:** Immediately call a poison control center or doctor. 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 on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

**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 eye.

SN: 000-030810

## NET CONTENTS:

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## GENERAL INFORMATION

**Upland MSO** is a combination of a soybean-based modified vegetable oil and high quality nonionic surfactant emulsifiers. **Upland MSO's** select components afford enhanced infiltration of pest control agents that require or recommend the use of a methylated seed oil, esterified seed oil or modified vegetable oil.

**Upland MSO** improves diffusion of the active into the target by softening the waxy cuticle, saturating this barrier layer with oil and affording a faster way for the pest control agent to reach plant tissues.

**Upland MSO** increases pesticide control agent performance wherever there is low relative humidity and high temperatures, when weeds are tall or have a thick cuticle or anytime the pest control label calls for an MSO, MVO or other oil-based adjuvant.

## DIRECTIONS FOR USE

If the pest control product calls for or allows the use of an MSO, follow the instructions on the pest control product label. Care should be used on sensitive species as the product could increase sensitivity to light.

If the applicator does not have experience with a specific tank mixture and/or the combination of products being used is not recommended by the pest control label, a compatibility (jar) test and a phytotoxicity test should be run before using the product.

If the label allows the use of an MSO but does not recommend a rate, add 1-1/2 to 2 pints per acre of **Upland MSO** to the spray tank. Extra product may be needed on weeds with heavier wax, or under dry or dusty conditions or for more mature weeds.

## **Not for aquatic use**

## MIXING

Always follow instructions on the pest control agent label. If instructions are not provided, follow these general instructions: Fill spray tank 2/3 or 3/4 full of water. Add dry flowables (DF) and wettable powders (WP). Disperse thoroughly. Continue

the addition of other active ingredients, then adjuvants including **Upland MSO**, according to the directions on the pesticide label.

**Note:** Tank mixtures including **Upland MSO** should be utilized within 36 hours for best results.

## STORAGE

Store product in original container in a cool, dry place. Do not add water or anything else to the container. The product may thicken below 40°F. If this happens, warm above 40°F and shake to restore to original condition. Do not store near oxidizing agents or extreme heat.

## HANDLING

See precautionary statements. Use of precautions for handling the pest control agent sufficient for protection when handling this product.

## DISPOSAL

Triple rinse container and pour rinse solution into tank. Then offer container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If incineration is allowed, stay out of smoke. Dispose of according to all applicable local, state and/or federal regulations and laws.

## WARRANTY

SELLER WARRANTS THAT THE PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL IS REASONABLY FIT FOR THE PURPOSE STATED ON THE LABEL WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE UNDER NORMAL CONDITIONS. NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESSED OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT CONTRARY TO LABEL DIRECTIONS, OR UNDER ABNORMAL CONDITIONS, OR UNDER CONDITIONS NOT FORESEEABLE TO SELLER. BUYER ASSUMES RISK UNDER ANY SUCH USE INSUFFICIENT CONTROL OF PESTS AND/OR CROP INJURY MAY RESULT FROM UNUSUAL ENVIRONMENTAL CONDITIONS, FAILURE TO FOLLOW PESTICIDE LABEL DIRECTIONS OR POOR APPLICATION PRACTICES, ALL OF WHICH ARE BEYOND THE CONTROL OF JIMMY SANDERS, INC.