



# MONTEREY M.S.O.

ACTIVATOR  
PENETRANT

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

MONTEREY M.S.O. is a multicomponent spray adjuvant developed to maximize the performance of most postemergent herbicides. This product may be used as a replacement for non-ionic surfactants and crop oil (petroleum oils) in most postemergence herbicide spray mixes. Methylated seed oils improve the performance consistency of post emergence herbicides such as Assert®, Pursuit® and other herbicides. Assert, Pursuit are registered trademarks of BASF Corporation.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

### 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 washwaters.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in original container away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal.

**PRODUCT 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) 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 or local ACRC recycler, visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

### PRINCIPAL FUNCTIONING AGENTS:

Modified seed oil, alkyl phenol ethoxylate  
and free fatty acids..... 100%  
CA Reg. No. 17545-50025-AA

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists. **IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, DO NOT give anything by mouth and do not induce vomiting. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

### CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

**NET CONTENTS: 5 GALLONS / 18.9 LITERS**

Manufactured for:

**MONTEREY CHEMICAL COMPANY**  
P.O. Box 35000 • Fresno, CA 93745-5000 • (559) 499-2100

### DIRECTIONS FOR USE

Read and follow the precautions, restrictions and recommendations on the labels of pesticides used with MONTEREY M.S.O. Use according to the most restrictive label directions for each product in any tank mix. NOT FOR AQUATIC USE.

**COMPATIBILITY:** MONTEREY M.S.O. is compatible with most pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended.

**MIXING:** Shake well before using. Fill spray tank ½ full of water and begin agitation. Add pesticides as directed by label or in the following sequence and continue filling tank: (1) Dry flowables or water dispersible granules, (2) Wettable powders, (3) Flowables, (4) Solutions, (5) Emulsifiable concentrates. Add MONTEREY M.S.O. last and continue agitation until mixed. Continuous agitation of finished spray is recommended. If spray solution has been allowed to stand, thoroughly agitate and remix before application.

**RECOMMENDATIONS:** Specific use rates will vary with conditions of application such as water hardness, application method, equipment, spray droplet size, condition of foliage, etc. Rates of MONTEREY M.S.O. higher than those below may be used if recommended by pesticide labeling. Follow pesticide label directions. However, do not add this product at a rate which exceeds 5% of the finished spray volume.

Use MONTEREY M.S.O. at 1½ - 2 pints/acre with the herbicide of choice. Always read and follow the label of the herbicide to be used with MONTEREY M.S.O. The 2 pints/acre rate may be required if weed populations are extreme or if plants are stressed at the time of treatment.

Always add MONTEREY M.S.O. last to the spray mix and continue agitation or follow specific tank filling and mixing information provided on the herbicide label. Refer to the herbicide label for additional recommendations or precautions. Exercise caution with selective herbicides where selectivity depends upon wetting the weeds but not the crop.