



Ideal for post emergent weed applications

# MOTION™

## MODIFIED VEGETABLE OIL CONCENTRATE

### PRINCIPAL FUNCTIONING AGENTS

Modified vegetable oil, alkyl phenol ethoxylate ..... 100%  
**TOTAL** ..... 100%

CA Reg. No. 52467-50022-AA / WA Reg. No. 52467-12004

### KEEP OUT OF REACH OF CHILDREN WARNING PRECAUTIONARY STATEMENT



Causes skin irritation and serious eye irritation. Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors, spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Personal Protective Equipment: Wear protective gloves/protective clothing/eye protection/face protection.

**Environmental Hazards:** Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of waste.

### 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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: get medical advice or attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**NET CONTENTS: 1 U.S. QUART (0.95 L)**

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### GENERAL INFORMATION

**MOTION™** is a combination of highly-refined, modified vegetable oil and selected emulsifiers. It is designed to be used with herbicides that suggest or require the use of MSO on the label. Because of its oily nature, **MOTION™** dissolves into the waxy cuticle, carrying the active ingredient with it. This allows the active ingredient to reach the inside layer of the plant more readily, where it is carried to the rest of the plant to do its job more reliably.

- Modified vegetable oil is derived from natural vegetable fats
  - Better performance than petroleum oils, unmodified soybean oils or nonionic surfactants
- Oily spray applications delay evaporation
  - Remains on target weeds longer for improved uptake

### Ideal For:

- Use with pesticides in horticulture, nursery, turf and pest control applications
- Ensuring pesticide sprays penetrate the target plant's surfaces
- Any pesticide tank mix that calls for methylated seed oil or MSO

### DIRECTIONS FOR USE

#### NOT FOR AQUATIC 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.

### MIXING INSTRUCTIONS

Always follow instructions on the pesticide 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 **MOTION™**.

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

### USE RATES

Low volume sprays, less than ½ gallon per 1000 square feet: If the label allows the use of an MSO but does not recommend a rate, add 1 ounce per 1000 square feet of **MOTION™** to the spray tank. Extra product may be needed on weeds with heavier wax cuticles, or under dry or dusty conditions or for more mature weeds.

High volume sprays, ½ gallon or more per 1000 square feet: Use of this product at rates less than in the chart below will cause a lack of control due to inadequate amounts of MSO. Providing an effective amount of **MOTION™** is essential in achieving the goal of pest control. Use the lowest effective dose from the chart below if the total volume sprayed is 20 gallons or more per acre.

Pesticide	Type	% v/v
Herbicides		0.5 - 1 %
Defoliants		0.5 - 1 %
Desiccants		0.5 - 1 %
Insecticides		0.0625 - 0.125%
Fungicides		0.0625 - 0.125%
Miticides		0.0625 - 0.125%

Sprayer Type	
Backpack, Small Tanks, etc.	1/2 oz / gal of finished

All uses must not exceed 5% v/v of total spray solution  
**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrcycle.org](http://www.acrcycle.org).

**NOT FOR SALE IN MISSISSIPPI**  
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28 oz.

26 oz.

24 oz.

22 oz.

20 oz.

18 oz.

16 oz.

14 oz.

12 oz.

10 oz.

8 oz.

6 oz.

4 oz.

