



FS MSO Ultra™

MODIFIED VEGETABLE OIL PLUS SURFACTANT

- Enhances herbicide performance on tough weeds
- Soy oil based formulation provides excellent crop safety
- Disperses and mixes quickly, even in cold water
- Approved by major pesticide manufacturers

MANUFACTURED FOR
GROWMARK INC.

Net Contents: 2.5 U.S. Gallons (9.46L)

[A]

ADJUVANT



Scan for Android

Get the
FS ADJUVANTS
tank mixing app!



Scan for iOS

FS MSO Ultra™

MODIFIED VEGETABLE OIL PLUS SURFACTANT

PRINCIPAL FUNCTIONING AGENTS

Methylated seed oil	90%
Alkylarylpolyoxyalkane ethers.....	10%
TOTAL	100%

All ingredients are approved
for use under 40 CFR 180
Surfactant content: 10%



 **KEEP OUT OF REACH OF CHILDREN
WARNING**

PRECAUTIONARY STATEMENTS — Causes skin irritation and serious eye irritation. May cause respiratory irritation and drowsiness or dizziness. If medical advice is needed, have product container or label at hand. Read label before use. Avoid breathing mist and spray. Wash protective equipment and work clothes thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/ container to disposal plant in accordance with federal, state and local regulations.

PERSONAL PROTECTIVE EQUIPMENT (PPE) — Applicators and other handlers of this chemical must wear: splash-proof chemical safety goggles, chemically impervious gloves, long-sleeved shirt, pants, shoes and socks. Consult the SDS for further information.

FIRST AID

If Swallowed: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

If On Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat Symptomatically. Take off contaminated clothing and wash it before reuse.

If Inhaled: Remove person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

GENERAL INFORMATION — **FS MSO Ultra** is a proprietary methylated soy oil plus surfactant blend formulated to enhance pesticide performance under a wider range of weather conditions and weed species compared to ordinary crop oils and methylated seed oils.

FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND AND RIGHTS-OF-WAY.

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 **FS MSO Ultra**, the applicator or crops advisor must have experience with the pesticide combination, including **FS MSO Ultra**, or must have conducted a phytotoxicity test. SHAKE WELL BEFORE USING.

USE RATES — Use 1.0% v/v (1 gallon of **FS MSO Ultra** per 100 gallons of spray solution) or a minimum of 20-24 ounces per acre unless otherwise directed on the pesticide manufacturer's label.

MIXING INSTRUCTIONS — 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 and microencapsulated (LC, SC, ME). 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.acrcycle.org. Decontaminated containers and rinsate must be disposed of in accordance with local, state and federal regulations.

DISCLAIMER OF WARRANTIES — THIS PRODUCT IS SOLD AS IS. EXCEPT WHERE PROHIBITED BY LAW, GROWMARK DISCLAIMS ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR A PARTICULAR PURPOSE, AND WARRANTIES AGAINST HIDDEN AND LATENT DEFECTS. WHERE SUCH WARRANTIES CAN NOT BE DISCLAIMED, THEN ALL SUCH WARRANTIES SHALL BE LIMITED TO THE REMEDIES OF REPLACEMENT OR REFUND.

LIMITATION OF LIABILITY — Except to the extent prohibited by applicable law, GROWMARK shall not be liable for indirect, special, incidental or consequential damages arising from the sale or use of this product, including any lost revenues or profits, consequential and/or incidental damages, business interruption or damage to business reputation, regardless of the theory upon which any claim may be based. GROWMARK's entire liability to the purchaser shall not exceed the purchase price actually paid by the purchaser.

Net Contents: 2.5 U.S. Gallons (9.46L)

© 2013 GROWMARK, Inc. All rights reserved. Item #220261 C12014

GROWMARK, Inc. is an ACRC member company.

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

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

FS MSO Ultra is a trademark of GROWMARK, INC. The FS logo is a registered trademark of GROWMARK, Inc.

L139-256B 02/17

MANUFACTURED FOR:
GROWMARK INC.

1701 Towanda Avenue
Bloomington, IL 61701
www.growmark.com

BY: Precision Laboratories, LLC
Waukegan, IL 60085

