



# FS Optivix™

HIGH SURFACTANT OIL CONCENTRATE

- Excellent crop safety
- Premium methylated canola oil and surfactant blend
- Use rate is 1/2 the rate of ordinary MSO and COC



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tank mixing app!



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MANUFACTURED FOR  
**GROWMARK INC.**

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

# FS Optimix™

HIGH SURFACTANT OIL CONCENTRATE

## PRINCIPAL FUNCTIONING AGENTS

Methyl Canolate, Alkylphenol ethoxylates, Fatty acid derivative and glycol ether .....	96%
Constituents Ineffective as Adjuvant .....	4%
TOTAL .....	100%

All ingredients are approved  
for use under 40 CFR 180  
Surfactant content: 30%  
Oil content: 60%



**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**PRECAUTIONARY STATEMENTS** – Harmful if swallowed. Causes skin irritation and serious eye irritation. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS. Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)** – Applicators or other handlers of this product should wear: protective eyewear, chemical resistant gloves, long-sleeved shirt, long 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 any fluids 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 attention or advice.

**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:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

**GENERAL INFORMATION** – FS Optimix is a concentrated, low use rate formulation that enhances herbicide performance when compared to ordinary methylated seed oils or traditional crop oil concentrates. FS Optimix combines a premium, methylated canola oil and a proprietary surfactant into one system in order to deliver higher biological performance at lower use rates compared to ordinary oil based adjuvants.

**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. The applicator or crops advisor must have experience with the pesticide combination, including FS Optimix, or must have conducted a phytotoxicity test prior to use.

### SHAKE WELL BEFORE USING.

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

**USE RATES** – FS Optimix may be used at 0.50–0.75% v/v (2–3 quarts per 100 hundred gal. of spray solution) the recommended use rate of conventionally formulated methylated seed oils. FS Optimix should be applied at no less than 10–12 ounces per acre.

**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. 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 and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and 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.

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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

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MANUFACTURED FOR

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