# VIGOR Crop Oil Concentrate

## PRINCIPAL FUNCTIONING AGENTS

Paraffin Base Petroleum Oil	83%
Alcohol Ethoxylates	. 17%
TOTAL	100%
All ingredients are approved for use under 40 CFR 180	
CA Reg. No. 9349-50018-AA	$\wedge$
WA Reg. No. 9349-16009	
0	

#### **KEEP OUT OF REACH OF CHILDREN** WARNING

#### **PRECAUTIONARY STATEMENTS**

Warning: Causes eye irritation. Causes mild skin irritation. May be harmful if swallowed or inhaled. Wear protective gloves, protective clothing, and eye and/or face protection. Wash hands, face, and other affected areas thoroughly after handling. Do not eat, drink, or smoke while using this product. If eye or skin irritation occurs, seek medical attention.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)



Wear protective eyewear, chemical-resistant gloves, long-sleeved shirt, pants, socks and shoes. If ventilation is inadequate, a respirator is recommended; protect against spray mists. Take into consideration all working conditions and all chemicals to be handled or processed.

### **FIRST AID**

If Swallowed:	Call a poison control center or doctor immediately for treatment advice. Have the person rinse mouth and sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth 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 irritation persists, seek medical attention.
If On Skin Or Clothing:	Immediately take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water for 15-20 minutes. If skin irritation

- occurs, seek medical advice/attention, Call a poison control center or doctor for treatment advice. If Inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor is you feel unwell. If person is not
  - breathing, call 911 and give artificial respiration.

#### **GENERAL INFORMATION**

VIGOR is a crop oil concentrate designed for use with herbicides requiring a paraffinic crop oil concentrate adjuvant. This superior formulation consists of a blend of highly unsulfonated paraffinic oil and premium quality surfactant. This blend utilizes the penetrating and nonevaporative properties of horticultural oil and the wetting and coverage characteristics of a complex surfactant blend.

VIGOR will increase the activity of herbicides and enhance performance. Therefore, care must be taken in treating crops during periods when plants are subjected to drought stress, high temperatures and high humidity.

#### 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 VIGOR, the applicator or crops advisor must have experience with the pesticide combination,



including VIGOR, or must have conducted a phytotoxicity test. Do not use this product in a manner inconsistent with labeling. VIGOR increases the activity of many pesticides; therefore, care must be taken when treating sensitive crops during periods of drought stress, high temperatures or high humidity.

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

## **USE RATES**

**Ground:** Apply 1 to  $2^1$  pints per acre. **Aerial:** Apply at  $1-2\%^2$  v/v in 1-5 gallons of water per acre. <sup>1</sup>Use the higher rate when weeds are under weather stress or at the maximum labeled size for control. Or apply 1.0% v/v (1 gallon of VIGOR per 100 gallons of spray solution) per pesticide label recommendations.

<sup>2</sup>Use higher concentrations for lower water volumes.

#### 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)
- Solutions and soluble liquids (S or SL)
- 8. Liquid micronutrients and fertilizers
- VIGOR, water conditioners and other adjuvants 9. (COC, HSOC, MSO, NIS)
- 10. Finish filling to desired spray volume level and continue agitation

## 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 wash waters.

#### STORAGE AND DISPOSAL

Do not use, spill or store near heat or open flame. Keep container closed tightly when not in use. Prevent water from being introduced to the contents of this container. 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

## CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.



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