

# Avant Xtra™

DEPOSITION/DRIFT REDUCTION AGENT / NONIONIC SURFACTANT / PENETRANT

## Principal Functioning Agents

Polyoxyethylene sorbitan fatty acid ester, soybean oil ethoxylate, copolymer of alpha- and beta-pinene..... 100.0%

**Total**..... 100.0%

Surfactant Content...35.0%

All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180.

CA Reg. No. 45989-50034-AA  
WA Reg. No. 45989-14005



SDS INFORMATION



**KEEP OUT OF REACH OF CHILDREN  
WARNING**

## Hazard Statements

Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

## Precautionary Statements

Wash thoroughly after handling. Wear protective gloves and eye/face protection.

**IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical advice/attention.

Refer to back label for more First Aid statements.

## Environmental Hazards

**Not for aquatic use.** Do not contaminate water sources by cleaning of equipment or disposal of wastewaters.

**⚠ WARNING** This product can expose you to chemicals including 1,4-dioxane, acetaldehyde, and oxirane which are known to the State of California to cause cancer, and oxirane which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



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*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you don't understand the label, find someone to explain it to you in detail.)*

## Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Keep this container tightly closed. Store above 25° F. Store in original container. Store in a closed container. Store in a dry place. Store in a well-ventilated space. Keep cool. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment washwater, spray disposal wastes or by cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame.

**Disposal:** Triple rinse container and pour rinsate into spray tank. Do not reuse container. Offer triple-rinsed container for recycling, or puncture and dispose of in a sanitary landfill or by other procedures approved by appropriate authorities. Dispose of contents/container in accordance with local/national regulations.

**Spill:** In the event of a major spill, fire or other emergency, call CHEMTREC at (800) 424-9300.



**Net Contents**

**2.5 Gallons (9.46 Liters) or 2 x 2.5 Gallons (18.93 Liters)**

## First Aid

**If in Eyes:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical attention.

**If Swallowed:** Rinse mouth. Have person 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 you feel unwell, call a poison control center or physician immediately for treatment advice.

**If Inhaled:** Move person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. If you feel unwell, call a poison control center or physician for further treatment advice.

**If on Skin or Clothing:** Rinse skin immediately with plenty of soap and water for 15 to 20 minutes. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse.

## General Information

Avant Xtra is a tank mix adjuvant formulated to provide optimal pesticide spray performance by enhancing deposition of the spray application.

Avant Xtra contains Quantum™ Technology, an innovative adjuvant technology that has an affinity for pesticide active ingredients.

Avant Xtra suppresses off-target drift of spray applications by providing a more uniform pattern and velocity of the spray droplets.

Avant Xtra can be used with air assist and conventional spray nozzles.

Avant Xtra can be used with herbicides, including desiccants, insecticides, fungicides and plant-growth regulators, in keeping with pesticide label recommendations.

Avant Xtra maximizes pesticide performance by improving spray coverage and through enhanced retention and infiltration of the targeted leaf surface.

Many factors affect off target drift such as spray boom height, nozzle configuration, spray pressure, temperature, wind and thermal inversion.

Avant Xtra will not eliminate all drift.

## Directions For Ground and Aerial Use

Always read and follow label instructions of accompanying pesticide product.

**Tank Mixing and Direct Injection Rates for Herbicides, Fungicides and Insecticides:** Add 1 to 2 quarts (0.25% - 0.5% v/v) per 100 gallons.

## For Direct Injection

Avant Xtra can be applied through injection systems when added to one of the system's chemical injection tanks. An in-line mixing chamber is recommended.

- First, add Avant Xtra to the chemical injection tank;
- Second, pump the correct amount of Avant Xtra into the line;
- Third, pump the proper amount of water, pesticide, fertilizer and other adjuvants into the line, for mixing with Avant Xtra and chemicals, before going into the spray boom.

## Use Precautions

The addition of an adjuvant to some pesticides may increase the risk of phytotoxicity to certain susceptible crops, especially during periods of high humidity or other circumstances which may increase the activity of spray solutions. Care should be exercised when using on new varieties or crops not previously treated with Avant Xtra.

## Mixing Instructions

Add Avant Xtra after pesticides or other adjuvants are introduced to spray mixture but prior to completing the filling of the spray tank. Before making large scale applications, conduct a jar test containing all ingredients to confirm compatibility.

## AVANT XTRA IS NOT FOR AQUATIC USE



Avant Xtra contains the QUANTUM Adjuvant Technology. QUANTUM

### CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded. The directions of this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of KALO, Inc., the manufacturer or seller. In addition, failure to follow label directions may cause injury to crops, animals, workers or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind express or implied concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at KALO, Inc.'s election, one of the following: 1) Refund of the purchase price paid by buyer or user for product purchased, or, 2) Replacement of the product used, to the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company, the manufacturer and seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.



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Avant Xtra has been reviewed and approved by the CPDA  
(Council of Producers and Distributors of Agrotechnology).



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