

# SPECIMEN LABEL



## CADENCE™

**Nonionic  
Wetter/Spreader/Penetrant  
Surfactant**

### Principal Functioning Agents

A blend of polyether-polymethylsiloxane-copolymer  
and nonionic surfactant.....100.0%  
Total.....100.0%

*All ingredients are exempt from the requirements of a tolerance under 40 CFR 180.*

CA Reg. No. 45989-50001-AA

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### Precautionary Statement

Harmful if swallowed, inhaled, or contact is made with the skin or eyes, as may cause severe irritation to eyes and moderate irritation to skin, lungs or stomach. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or spray mist. Avoid using product in a manner as to directly, or through drift, expose workers or other persons. Always follow the precautionary statements on the label of the active ingredient that is to be used with Cadence. Always consult the material safety data sheet for specific instructions. Always wear USDA accepted nitrile (Certified Regulation No. CFR-20) or neoprene rubber gloves (Certified Regulation No. CFR-21), facial splash shield and protective garments.

**FOR PROFESSIONAL OR INDUSTRIAL USE ONLY**

### In Case of Emergency or Spill

Contact CHEMTREC at 1-800-424-9300

Applicators and other handlers should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove protective clothing and equipment after handling. Wash the outside of gloves before removing. Wash thoroughly and change into clean clothing.

### In Case of Contact

**In eyes:** Immediately wash eyes with large amounts of water for at least 15 minutes, lifting the lower and upper lids. Seek medical attention IMMEDIATELY.

**On skin:** Remove contaminated clothing and immediately wash contaminated area with large amounts of water for at least 15 minutes. If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment" on pesticide label. Seek medical attention.

**If swallowed:** If person is conscious, immediately give large quantities of water and induce vomiting. UNLESS OTHERWISE DIRECTED BY LABEL ON PESTICIDE(S). Do not induce vomiting or give fluids by mouth to an unconscious person. Seek medical attention immediately.

**If inhaled:** Move person to fresh air and check to ensure adequate respiration. Seek medical attention immediately.

### General Information

Cadence is a new generation surfactant based on organomodified siloxane technology for use in water-based pesticide formulations. Cadence is a highly effective nonionic wetter/spreader/penetrant surfactant. Careful observation of spray application is recommended to determine proper and efficient pesticide application. This will optimize the pesticide and surfactant load levels. Read CAUTION statements carefully before use.

While Cadence has been proven to be a highly efficient surfactant; timing, weather conditions, methods of application, crop conditions, and/or mixture with other chemicals not specifically recommended are beyond the control of the seller. Therefore, the user should carefully observe spray deposits, rate efficiencies, compatibilities and affectiveness in initial application and adjust the adjuvant rates accordingly.

**NOT A PLANT FOOD INGREDIENT**

### Directions For Use

Pesticide manufacturers may recommend a rate of nonionic surfactant to be used with their product. Follow the pesticide or active ingredient label recommendations on use of surfactant. However, if the pesticide or active ingredient label does not have a specific recommendation for surfactant use but does not prohibit the use of a nonionic surfactant, Cadence should be applied at the rates listed below. Careful observation of spray performance in a trial application with the combination of chemicals to be applied is recommended to determine proper and efficient surfactant rates.

**For use as spray adjuvant with herbicide:** Use 16 ounces per 100 gallons or 1.6 ounces per acre using a 10 gallon per acre spray rate.

**As an adjuvant with herbicides, micronutrients or defoliants:** Apply at a rate of 6 to 16 ounces per 100 gallons of spray solution.

**As an adjuvant with insecticides/miticides or fungicides:** Apply at a rate of 6 to 12 ounces per 100 gallons of spray solution.

**For use with aerial applications:** Apply at a rate of 12 to 16 ounces per 100 gallons of spray.

#### As a Soil Wetting Agent

**Golf Course Tees and Greens:** Apply at a concentration of 0.1% v/v or use the spray rate chart below.

<u>Spray Rate/1,000 sq. ft.</u>	<u>Amount of Cadence in mix</u>
1.0 gal	1/8 ounce
1.5 gal	1/5 ounce
2.0 gal	1/4 ounce

Repeat as needed to overcome hydrophobic soil condition. Irrigation is not needed, but will help incorporate the treatment into the soil.

#### For Large Turf Areas Such as Golf Fairways

**Boom sprayers:** Apply at concentration of 0.05-0.1% or approximately 6 to 13 ounces per 100 gallons of tank mix/water.

**Injection through irrigation:** Adjust proportioning valve to inject at the ration 1:1000, based on weekly application. To accommodate 100:1 proportioners, mix a 10% solution of Cadence and water and inject at 100:1.

**As a Mulch, Peat or Potting Soil Wetting Agent:** Apply at a concentration of 0.05-0.1% v/v of water (6 to 13 ounces per 100 gallons). Repeat as needed.

**As a Dew Control Agent:** Cadence will prevent dew formation on turf areas such as tees and greens. Apply Cadence with a boom sprayer or hand sprayer. Use a concentration of 0.1% Cadence in water or approximately 13 ounces per 100 gallons every 7 to 10 days.

**For Use with Liquid Fertilization:** Apply Cadence to liquid fertilizer/water solutions at the rate of 6 to 13 ounces per 100 gallons of mix.

### Mixing Instructions

1) Fill tank 2/3 to 3/4 full of water. If foaming is anticipated, add KALO's Anti-Foam™ agent before pesticide and Cadence, 2) Add pesticide as directed by pesticide label, 3) Continue agitation, 4) Add Cadence and continue filling tank while maintaining agitation.

### Storage and Disposal

**Storage:** Keep container tightly closed. Store in original container only. Keep in a secure and locked storage area. Do not add water to the contents of this container.

**Disposal:** Triple rinse container, empty rinse water into spray tank. Dispose of empty containers in accordance with federal, state and local law.

#### Notice-Read Carefully

##### Limited Warranty and Conditions of Sale

In no event shall KALO, Inc., manufacturer or seller be liable for special, incidental, or consequential damages, or for damages in their nature of penalties relating to the goods sold. KALO, Inc., manufacturer or seller shall not be liable to buyer or user by way of indemnification to customers of buyer, if any, or for any damages or sums of money, claims or demands whatsoever, resulting from or by reason of, or arising out of the misuse, or failure to follow label warnings or instructions for use, of the goods sold by KALO, Inc., manufacturer or seller. Buyer or users exclusive remedy and KALO, Inc., manufacturer or sellers total liability shall be for damages not exceeding the cost of the product.

##### Warranty Disclaimer

The goods sold to you by this agreement are furnished as is by KALO, Inc., manufacturer, or seller, and are subject only to the manufacturer's warranties if any, which appear on the labels of the products. KALO, Inc., the manufacturer or seller, make no other warranties, guarantees or representations of any kind to buyer or user, either expressed or implied or by usage of trade, statutory or otherwise, with regard to the product sold, included but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Ineffectiveness, or other unintended consequences may result because of such factors as the presence or absence of other materials used in combination with the goods, or the manner of use or application, or atmospheric conditions, all of which are beyond the control of KALO, Inc., manufacturer or seller. In no case shall KALO, Inc., manufacturer or seller, be liable for consequential, special or indirect damages resulting from the use or handling of this product. The buyer or its customers shall assume all such risks. Tests have not been carried out under all possible use conditions, and KALO, Inc., manufacturer or seller, cannot and do not warrant that the product is compatible with all other chemicals.

The law of the state from which such goods are to be shipped shall govern the validity, interpretations and performance of this agreement with respect to goods delivered. This writing contains all of the representations and agreements between buyer, KALO, Inc., manufacturer and seller, and no person or agent of KALO, Inc., manufacturer or seller has any authority to make any representation or warranty or agreement relating in any way to the goods.



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