

# Cadence™

## Humectant/Nonionic Surfactant/Wetting Agent/Defoaming Agent

### Principal Functioning Agents

Diethylene glycol, polyether-polymethylsiloxane-copolymer, alkylphenol ethoxylate, dimethylpolysiloxane.....100.0%  
**Total.....100.0%**

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

California Reg. No. 45989-50001-AA  
 Washington Reg. No. 45989-14002



FOR SDS INFO



**KEEP OUT OF REACH OF CHILDREN  
 WARNING**

### Hazard Statements

Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May be harmful in contact with skin. Causes skin irritation. May be harmful if swallowed. May cause damage to organs [kidney] through prolonged or repeated exposure.

### Precautionary Statements

Wear protective gloves and eye/face protection. Wash thoroughly after handling. Avoid breathing dust, fume, gas, mist, vapors and spray. Use only outdoors or in a well-ventilated area. **IF YOU FEEL UNWELL:** Get medical advice/attention. **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. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. **IF INHALED:** Call a poison center or doctor/physician if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take off contaminated clothing and wash before reuse. **Refer to back label for more First Aid statements.**

**FOR PROFESSIONAL OR  
 INDUSTRIAL USE ONLY.**

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.*



### Storage, Disposal & Spill

Do not contaminate water, food or feed by storage or disposal of this product.  
**Storage:** Store in a well-ventilated place. Keep cool. Store in a tightly closed container. Store in original container only.  
**Disposal:** Triple pressure 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 [www.acrecycle.org](http://www.acrecycle.org). 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.

### 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 chemical 1,4-dioxane which is known to the State of California to cause cancer, and ethylene glycol 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).

### 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

Cadence is a new generation surfactant based on organomodified siloxane technology for use in water-based pesticide formulations.

Cadence is a highly effective humectant, nonionic surfactant, wetting agent and defoaming agent. 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 effectiveness in initial application and adjust the adjuvant rates accordingly.

**NOT A PLANT FOOD INGREDIENT**

**NOT FOR AQUATIC USE**

## Mixing

Unless instructed otherwise by plant protectant label:

1) Fill tank 2/3 full of water. As a preventative measure, add KALO Anti-Foam™ agent before other tank mix ingredients. 2) Add plant protectants or nutrients as directed by label. 3) Add Cadence last while filling and agitating tank.

## 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:** Use 6 to 16 ounces per 100 gallons of spray solution.

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

**For use with aerial applications:** Use 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 following spray rates per 1,000 square feet: 1/8 ounce of Cadence in 1 gallon of water, or 1/5 ounce of Cadence in 1.5 gallons of water, or 1/4 ounce of Cadence in 2 gallons of water.

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 to 0.1% (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 to 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 (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.

### 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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