

# Compex®

## Compex®

Nonionic Surfactant Compatibility Agent for Liquid Fertilizer-Pesticide Mixtures

### Principal Functioning Agents

Alcohol sulfates.....	18.8%
Constituents ineffective as spray adjuvant.....	81.2%
<b>Total.....</b>	<b>100.0%</b>

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



## KEEP OUT OF REACH OF CHILDREN DANGER

### Hazard Statements

- Causes serious eye damage.
- Causes skin irritation.
- May be harmful in contact with skin.
- May be harmful if swallowed.

### 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.
- Call a poison center or doctor/physician if you fell unwell.
- IF SWALLOWED: Call a poison center or doctor/physician if you fell unwell.
- IF ON SKIN OR CLOTHING: Wash with plenty of soap and water.
- If skin irritation occurs, get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

### 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

Compex Extra is a compatibility agent for direct addition to liquid fertilizers. It should be used where simultaneous application of liquid fertilizer and a pesticide is desired and improved stability of the mixture is required. Compatibility of liquid fertilizer-pesticide mixtures is essential to insure trouble-free, accurate and uniform application.

Crop protection chemicals do not always mix evenly with liquid fertilizers or the components may separate too quickly to make their combined use of practical value. Incompatibility may be due to pH, concentration and type of certain salts and percentage of water content of the liquid fertilizer.

Compex Extra is effective in improving compatibility and stability of most liquid fertilizer-pesticide mixtures.

Compex Extra is completely soluble in liquid fertilizers such as 28-0-0, 10-34-0, 4-10-10 and 6-18-6.

### Storage, Disposal & Spill

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

**STORAGE:** Store above 32°F. Store away from heat or open flame and oxidizing materials. Store in a well-ventilated place. Keep cool. Store in tightly closed 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.acrcycle.org](http://www.acrcycle.org). Dispose of contents and 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.

Washington State Reg. No. 45989-09001

### Directions For Use

Add Compex Extra to the fertilizer solution at the rate suggested below and thoroughly mix prior to the addition of the pesticide. Add required amount of pesticide with agitation and allow to mix several minutes before application.

#### LIQUID NITROGEN FERTILIZERS –

1 to 2 pints/100 gallons of fertilizer (or 0.5 to 1.0 liters/400 liters)

#### LIQUID MIXED FERTILIZERS –

2 to 3 pints/100 gallons of fertilizer (or 1.0 to 1.5 liters/400 liters)

Although liquid fertilizer-pesticide mixtures prepared as suggested above may be stable from a few hours to overnight, it is advisable to apply the mixture as soon after preparation as is practical. Agitation during application is recommended if available. Always agitate before using if mixture has been allowed to stand.

### Jar Test for Compatibility Prior to Use

Because of the wide variety of pesticide and liquid fertilizer combinations possible, the beneficial effects of Compex Extra on compatibility may be tested before using full scale mixing by following these steps:

1. Add one pint of liquid fertilizer into a jar.
2. Add 1/4 teaspoonful (or 1.25 ml) of Compex Extra. Shake gently for five to ten seconds to mix. 1/4 teaspoonful is the equivalent of two pints Compex Extra per 100 gallons of liquid fertilizer.
3. Add the appropriate crop protection chemicals per the table below. If more than one is used, add them separately with the wettable powders added first, flowables second and liquid last. Shake gently five to ten seconds after each addition.
4. After five minutes observe for the formation of flakes, sludge, gels or other precipitates. If incompatibility in any form described above occurs with Compex Extra added, the liquid fertilizer and the pesticide should not be used together in the same spray tank.
5. Allow to stand and observe periodically for 1/2 hour. If separate layers of liquid fertilizer and pesticide form, but can be resuspended by shaking, commercial application of the mixture is possible.

Use This Pesticide Chart to Test One Pint (16 fl. oz.) Liquid Fertilizer	Wettable Powders:	If Your Pesticide Use Rate Is:	Tsp. to Use per Acre:
		1.0 lb/acre	1.4 tsp.
	2.0 lb/acre	2.9 tsp.	
	5.0 lb/acre	7.2 tsp.	
Emulsifiable Concentrates, Flowable, or Liquids	0.5 qt/acre	0.5 tsp.	
	1.0 qt/acre	0.9 tsp.	
	3.0 qt/acre	2.9 tsp.	

### Environmental Hazards

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

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



# KALO

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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:

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