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Cruzado™

WATER CONDITIONING AGENT / ACIDIFIER / HUMECTANT / SURFACTANT

Principal Functioning Agents

Monocarbamide dihydrogen sulfate, glycerin, polyoxyethylene tallow amine	74.45%
Constituents ineffective as spray adjuvants	25.55%
Total	**100.00%**

Surfactant Content...28.0%

CA State Reg. No. 45989-50041-AA
WA State Reg. No. 45989-20002

SDS INFORMATION

KEEP OUT OF REACH OF CHILDREN
DANGER

Hazard Statements

May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful if swallowed.

Precautionary Statements

Absorb spillage to prevent material damage. Keep only in original container. Do not breathe mists, vapors or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves and eye/face protection.

I**F SWALLOWED:** Call a poison center or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. **IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. Immediately call a poison center or doctor/physician. **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. **IF ON SKIN, CLOTHING OR HAIR:** Rinse skin (or hair) with water/shower. Remove/take-off immediately all contaminated clothing and wash before reuse. **Refer to back label for more First Aid statements.**

UN 1760, CORROSIVE LIQUIDS, N.O.S. (monocarbamide dihydrogen sulfate), 8, PG II

KALO

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, Disposal & Spill

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store locked up. Store in a corrosive resistant container with a resistant inner liner. Store in tightly closed containers in a dry well-ventilated area away from excessive heat and incompatible materials.

DISPOSAL: Do not reuse empty container. Triple rinse or equivalent during mixing and loading and add rinsate to spray tank. Recycling decontaminated containers is best option for disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit www.acrecycle.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.

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Environmental Hazards

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

⚠ **ATTENTION** 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.

Net Contents

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

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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

Cruzado is a water conditioner and acidifier that adjusts spray solution pH specifically used as a tank mix additive for glyphosate and other pesticides that are susceptible to antagonism from hard water minerals such as calcium, iron, manganese and other impurities.

Cruzado prevents hard water mineral antagonism and improves absorption into plants to enhance efficacy on difficult to control weeds.

Cruzado should be used with spray mixes that are registered for agricultural, horticultural, turf, ornamental, industrial and non-crop use.

Directions For Use

After water hardness has been determined, use the following rates:

If water hardness is less than 200 ppm:
Use 0.25% v/v (1 quart) of Cruzado per 100 gallons of spray mixture.

If water hardness is between 200-500 ppm:
Use 0.50% v/v (2 quarts) of Cruzado per 100 gallons of spray mixture.

If water hardness is greater than 500 ppm:
Use 1.0% v/v (1 gallon) of Cruzado per 100 gallons of spray mixture.

Cruzado may be used with pesticides that may benefit from its water conditioning and acidifying properties.

For all Applications: Do not substitute Cruzado for water required by the label. Spray equipment should be rinsed thoroughly after use.

Unless instructed otherwise by pesticide label, always add Cruzado first to the spray water.

NOTE: Read and follow all pesticide label directions. Do not use where the pesticide label specifically prohibits the use of an adjuvant. If the pesticide label neither recommends nor prohibits an adjuvant, the applicator must have previous experience with the adjuvant/pesticide spray mixture or should apply a small test area before making large scale applications. The addition of an adjuvant to spray mixtures may cause phytotoxicity to susceptible crop and vegetation. Care should be exercised when using on new varieties or crops not previously treated with Cruzado.

Do not use Cruzado with sulfonylurea herbicides or other mixtures that cannot tolerate low pH levels.

CRUZADO IS NOT FOR AQUATIC USE

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.

KALO

Cruzado has been reviewed and approved by CPDA (Council of Producers and Distributors of Agrotechnology).

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