



Cruzado™

Water Conditioning Agent / Acidifier / Humectant / Surfactant

GENERAL INFORMATION

Cruzado is a water conditioner and pH modifying adjuvant 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.

USE RATES

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.

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

Cruzado is not for aquatic use.

TECHNICAL INFORMATION

Net Weight: 10.84 lbs/gal

Specific Gravity: 1.2-1.3

Flashpoint: >200°F TCC

pH: 1.8-2.2 (0.5% aqueous solution)

Solubility in Water at 20°C: Soluble

Color & Appearance: Clear Golden Yellow Liquid

Storage Temperature - Minimum: 32°F

Storage Temperature - Maximum: 120°F

DOT/IMDG Transportation: UN1760, Corrosive Liquids, N.O.S. (monocarbamide dihydrogen sulfate), 8, PGII (IMDG Marine Pollutant: No)

Registered With CDPR: No

Registered With WSDA: No

PRINCIPAL FUNCTIONING AGENTS

Monocarbamide dihydrogen sulfate, glycerin, polyoxyethylene tallow amine.....74.45%



PACKAGING

2 x 2.5 gallon jugs
36 cases per pallet
Item#: CRUZ02

30 gallon drum
5 drums per pallet
Item#: CRUZ30

265 gallon tote
1 tote per pallet
Item#: CRUZ265



KALO

Cruzado is a trademark of KALO, Inc.
KALO, Inc., 13200 Metcalf Ave. Suite 250, Overland Park, KS 66213 • www.kalo.com
Important: This information is not a substitute for the label. Always read and follow label instructions.

Document Date: 03.17.2020
© 2020 KALO, Inc.