

March 20, 2025

FIFRA 24(c) Special Local Need Label (SLN)  
For distribution and use only in the state of California

For use on Grapes for control of Black Widow Spiders.

Carbon Dioxide

EPA Reg. No.: 38719-5

SLN # CA-920007

**Firm Name:** Messer LLC  
200 Somerset Corporate Boulevard, Suite 7000  
Bridgewater, New Jersey 08807

**DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This state-specific Section 24(c) labeling must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, and precautions on the EPA registered label for Carbon Dioxide (EPA Reg. No. 38719-5-ZB) and this label.

**Location:** Statewide

**Crop/Site/Commodity:** Table Grapes

**Target Pest/Problem:** Black Widow Spider

**Dosage:** Use a 6% concentration (7.3 pounds/ 1000 cu. ft.).

**Dilution Rate:** N/A

**Method of Application:** Release gas from a compressed cylinder into fumigation chamber or room immediately before introducing sulfur dioxide.

**Frequency/Timing of Application:** Treatment with carbon dioxide and sulfur dioxide is done one time during the initial sulfur dioxide post-harvest fumigation for 30 minutes, performed before the grapes have been pre-cooled.

**Restricted Entry Interval (REI):** The chamber shall be aerated until at least 30 chamber volumes or air have been exhausted before workers may reenter (see other requirements below).

**Pre-harvest Interval (PHI):** N/A

- Other Requirements:**
1. Following aeration testing shall be done using length-of-stain type detectors tubes to ensure airborne levels of CO<sub>2</sub> and SO<sub>2</sub> are below levels of concern before workers enter the chamber. Tubes are available for sulfur dioxide, carbon dioxide and oxygen deficient conditions.
  2. If respiratory protection is necessary, only SCBA or combination Airline/SCBA is allowable and appropriate for protection against either CO<sub>2</sub> or SO<sub>2</sub> or oxygen deficient conditions.

Valid until withdrawn, suspended or cancelled by the United States Environmental Protection Agency (USEPA), the manufacturer, the 24(c) registrant, or the Department of Pesticide Regulation, or expires.

**The County Agricultural Commissioner's (or designee's) signature must be obtained prior to this use.** This does not constitute a recommendation of the Department of Pesticide Regulation and will not prevent quarantine action if illegal residues are found on or in the crop.

To the extent consistent with applicable law, neither the Department nor the county agricultural commissioner, makes any warranty of merchantability, fitness of purpose, or otherwise, expressed or implied, concerning the use of a pesticide in accordance with these provisions. The user and/or grower acknowledge the preceding disclaimer.

Do not use in mixture with other pesticides unless provided for in the labeling. Trial on a small area to check out unanticipated problems is suggested.

**24(c) Registrant:** California Table Grape Commission  
392 West Fallbrook, Suite 101  
Fresno, California 93711-6150  
(559) 447-8350

**USEPA SLN No.** CA-920007



John Inouye  
Senior Environmental Scientist  
Pesticide Registration Branch  
916-324-3538  
E-mail: John.Inouye@cdpr.ca.gov

COUNTY AGRICULTURAL COMMISSIONER'S SIGNATURE

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Date: \_\_\_\_\_

USER'S SIGNATURE \_\_\_\_\_