



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 15, 2026

### **SENT BY EMAIL**

Audrey Sehn  
audrey.sehn@upl-ltd.com  
UPL NA, INC.

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation Amendment - Label and Confidential Statement of Formula (Basic, Alternate 1–3) Revisions to Update the Active Ingredient's Taxonomy and Strain Identifier  
Product Name: CARPOVIRUSINE  
Admin Number: 70506-452  
EPA Receipt Date: 09/03/2024  
Action Case Number: 00635023

Dear Audrey Sehn:

The amended label and Confidential Statements of Formula (CSFs) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6) you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 01/14/2026
- Alternate CSF #1 dated 01/14/2026
- Alternate CSF #2 dated 01/14/2026
- Alternate CSF #3 dated 01/14/2026

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains

false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have questions, please contact Joseph Mabon via email at [mabon.joseph@epa.gov](mailto:mabon.joseph@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Joseph Mabon". The script is cursive and elegant, with the first letters of each word being capitalized and larger than the rest of the letters.

Joseph Mabon, Risk Manager  
MPB, BPPD  
Office of Pesticide Programs

[Front panel]

**CARPOVIRUSINE****A selective larvicide against Codling moth on apples, pears and walnuts****ACTIVE INGREDIENT\*:**

***Betabaculovirus cypomonellae* strain M (Formerly known as *Cydia pomonella* Granulosis Virus)** ..... **0.99%**

**INERT INGREDIENTS:** ..... **99.01%**

**Total:** ..... **100.00%**

\*Minimum  $10^{13}$  Granulosis virions l quart

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING / AVISO**

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

(If you do not understand the label, find someone to explain it to you in detail.)

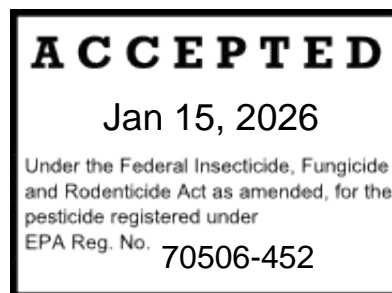
**See side panel for first aid and additional precautionary statements**  
**For Product Information Call: 1-866-761-9397**

**Produced for:**

UPL NA Inc  
 P O Box 12219  
 Research Triangle Park, NC 27709

**Manufactured by:**

Natural Plant Protection Route  
 d'Artix  
 64150 Nogueres  
 France



**EPA Reg. No. 70506-452**

**EPA Est. No. 070057-FRA-001**

**AD051208 20540-E**

**NET CONTENTS:** 1.06 quart (1 liter)

[Side panel]

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:</b> Call 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.	
<b>FOR CHEMICAL EMERGENCY:</b> Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300 or 1-703-527-3887 if calling from outside of the U.S.	

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear such as goggles, face shield, or shielded safety glasses. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Protective eyewear such as goggles, face shield, or shielded safety glasses
- Chemical resistant gloves made of waterproof material
- Long-sleeved shirt and long pants
- Shoes and socks

Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS****Users should:**

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters or rinsate.

**DIRECTIONS FOR USE**

It is violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or Tribe, consult the State or Tribal agency responsible for pesticide regulations.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and involves contact with anything that has been treated, such as plants, soil, or water), is:

- Protective eyewear such as goggles, face shield, or shielded safety glasses,
- Chemical resistant gloves made of waterproof material
- Coveralls
- Shoes and socks

**General Information**

CARPOVIRUSINE is for treatment against Codling moth on apples, pears and walnuts. The viral particles in CARPOVIRUSINE must be ingested by larvae to be effective.

**Application Instructions**

Dilute CARPOVIRUSINE in water with agitation, and apply with any conventional sprayer in a spray volume sufficient for thorough coverage of the tree canopy. Do not apply this product through any type of irrigation system. No spray adjuvant is required. Start applications at the beginning of egg hatch of the first generation, targeting the eggs and young larvae, as per local specifications/warnings by Extension offices. Repeat applications as necessary to maintain control; generally every 7 to 10 days as long as oviposition is evident, and while adults are captured in sex pheromone traps. Applications at low rates may need to be more frequent than those at high rates to provide comparable levels of control. CARPOVIRUSINE is best used in an Integrated Pest Management Program.

CARPOVIRUSINE can be applied up to and including the day of harvest.

#### **APPLES, PEARS and WALNUTS**

<b>PEST</b>	<b>APPLICATION RATE</b>	<b>APPLICATION TIMING</b>
Codling moth	6.8-13.5 fl. oz/A (0.2-0.4 liters/A)	<ul style="list-style-type: none"> <li>Start at beginning of first generation egg hatch.</li> <li>Repeat as needed to maintain control.</li> </ul>

#### **SPECIAL INSTRUCTIONS AND RESTRICTIONS**

- Apply in a spray volume sufficient for thorough coverage of the tree canopy.

#### **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a cool, dry place. Store product at 15-20°C (59-68°), or in refrigerator at 4°C (39°F) for use during the current campaign or in freezer for storage periods greater than one year. Thaw frozen product in refrigerator. Do not heat or microwave to thaw.

**PESTICIDE DISPOSAL:** To avoid wastes, use all material in this container according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinance.

## CONDITIONS OF SALE

1. UPL NA Inc warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. To the extent consistent with applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to UPL NA Inc. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL NA INC DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM OR IN CONNECTION WITH THE MANUFACTURE, SALE, DELIVERY, USE, HANDLING OR STORAGE OF THIS PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. UPL NA Inc. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
2. Critical and unforeseeable factors beyond UPL NA Inc's control prevent UPL NA Inc from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though, the product is reasonably fit for the use stated on the label and even though label directions are followed. Except as stated in 1 above, to the extent consistent with applicable law, by purchasing, accepting and using this product, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.