

# Avesta CS

Registrant: Amvac Chemical Corporation

## GENERAL

<b>EPA Registration Number:</b>	74530-53-5481	<b>Signal Word:</b>	CAUTION
<b>CA Registration Number:</b>	74530-53-AA-5481		
<b>Active Ingredient:</b>	9.7 - Lambda-cyhalothrin	<b>Application Methods:</b>	Ground
<b>Label Version:</b>	13428-20180723	<b>Mode of Action:</b>	IRAC 3A
<b>Physical State:</b>	Liquid (8.43 lb / ga)	<b>Toxic To:</b>	Aquatic Organisms, Bees, Fish
<b>Product Type:</b>	Insecticide	<b>Rainfastness:</b>	
<b>Formulation Type:</b>	Suspension		

## ADDITIONAL INFORMATION

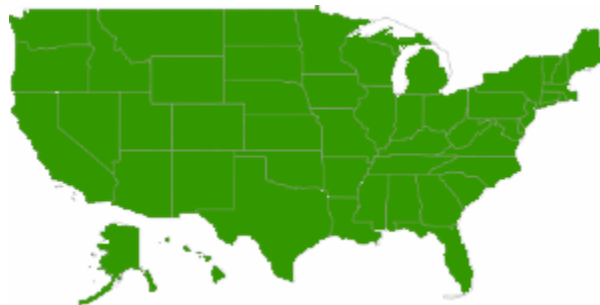
<b>Federally Restricted:</b>	No		
<b>Organic Certifications:</b>	None	<b>Other Certifications:</b>	None
<b>Posting Required:</b>	No	<b>Closed Mixing System Required:</b>	All applications in All States/Provinces: Not required
<b>Oral Notification Required:</b>	No	<b>Avoid Grazing:</b>	Yes

## CALIFORNIA

<b>Registration #:</b>	74530-53-AA-5481	<b>CA Restricted:</b>	No
<b>CA NOI Required:</b>	No		

## REGISTERED FOR USE IN

AK, AL, AR, AZ, CA, CO, CT, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY



## PACKAGE TYPES

0.25 GA Package(s) QUART (8 / Case)

**\*\*Specific Notices will not be shown until a pest is selected.**

**SAFETY**

**PPE Information:**

**Re-Entry PPE Information:** No Information Available

**Transport Information:**

DOT Not regulated as dangerous goods. IATA Not regulated as dangerous goods. IMDG UN number UN3082 UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lambda-Cyhalothrin), MARINE POLLUTANT Transport hazard class(es) Subsidiary risk - Packing group III Marine pollutant Yes Environmental hazards EmS F-A, S-F Special precautions for user Not available. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available IMDG Marine pollutant

**Response Number:** 800-424-9300

**Medical Number:** 888-681-4261

**SDS Hazard ID Signal Word:** Warning

**GENERAL NOTICE 1**

FIRST AID Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If on Skin or clothing: - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice. If in eyes: - Hold eye open and rinse slowly and gently with water 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice. If swallowed: - Call a poison control center or doctor immediately for treatment advice. - Do not give any liquid to the person. - Do not induce vomiting unless told to do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person. If inhaled: - Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: For Medical Emergencies phone:1-888-681-4261 For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC(R) 1-800-424-9300 For Product Use Information phone: AMVAC(R) 1-888-462-6822

**GENERAL NOTICE 2**

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Environmental Hazards This product is extremely toxic to fish and other aquatic organisms. Do not contaminate water when cleaning equipment or disposing of equipment wash water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label. When making applications, care should be used to avoid household pets, particularly fish and reptile pets. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Physical And Chemical Hazards Do not use this product in or on electrical equipment due to the possibility of shock hazard.

## GENERAL NOTICE 3

**RESISTANCE-MANAGEMENT RECOMMENDATIONS** For resistance management, AVESTA CS contains a Group 3 insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to AVESTA CS and other Group 3 insecticides/acaricides. The resistant individuals may dominate the insect/mite population if this group of insecticides /acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay insecticide/acaricide resistance, take the following steps: - Rotate the use of AVESTA CS or other Group 3 insecticides /acaricides within a growing season, or among growing seasons, with different groups that control the same pests. - Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC): -- Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species. -- Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management. -- When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s). -- Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits. -- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active. - Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices. - Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor. - Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area. For further information or to report suspected resistance contact (company representatives) at (toll free number) or at (Internet site).

## GENERAL NOTICE 4

**GENERAL INFORMATION** AVESTA CS is a unique formulation which is a proprietary blend of ingredients for use with the active ingredient Lambda-cyhalothrin. **DIRECTIONS FOR USE** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **IMPORTANT:** Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on lawns or grounds. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: 1. Treatment to soil or vegetation around structures; 2. Applications to lawns, turf, and other vegetation; 3. Applications to building foundations, up to a maximum height of 3 feet above grade; 4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure; 5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width; 6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests. - Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. During application, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. - Do not water treated area to the point of run-off. - Do not make applications during rain. - Do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

## TANK MIX INFORMATION

### Tank Mixing

AVESTA CS may be tank mixed with other currently registered pesticides unless expressly prohibited by the product label. A small volume mixing test with the other products is recommended to ensure compatibility. If other chemicals are added to the applicator tank, AVESTA CS should be added last. If mixed with EC formulations, use within 24 hours. Fill tank to desired volume and continue to agitate while making applications.

## SPECIAL INSTRUCTIONS

Fill applicator tank with the desired volume of water and add AVESTA CS. Close and shake before use in order to ensure proper mixing. Shake or reagitator applicator tank before use if application is interrupted. Mix only amount of treatment volume as required.