

Wisdom Flowable

Registrant: Amvac Chemical Corporation

GENERAL

EPA Registration Number:	5481-519	Signal Word:	CAUTION
CA Registration Number:	5481-519-AA		
Active Ingredient:	7.9 - Bifenthrin	Application Methods:	Ground
Label Version:	10652-20140303a	Mode of Action:	IRAC 3A
Physical State:	Liquid (8.53 lb / ga)	Toxic To:	Aquatic Invertebrates, Aquatic Organisms, Bees, Fish
Product Type:	Insecticide	Rainfastness:	12 hours
Formulation Type:	Liquid (Flowable)		

ADDITIONAL INFORMATION

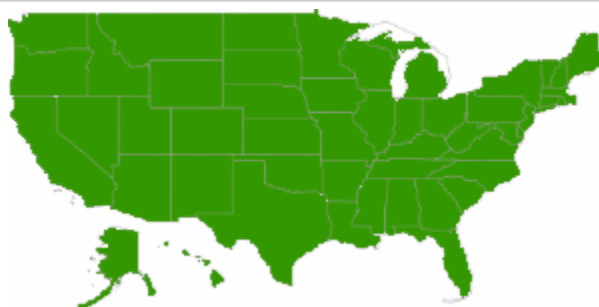
Federally Restricted:	Yes		
Organic Certifications:	None	Other Certifications:	None
Posting Required:	No	Closed Mixing System Required:	All applications in All States/Provinces: Not required
Oral Notification Required:	No	Avoid Grazing:	Yes

CALIFORNIA

Registration #:	5481-519-AA	CA Restricted:	No
CA NOI Required:	No		

REGISTERED FOR USE IN

AK, AL, AR, AZ, CA, CO, CT, DC, 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 (12 / Case)	1 GA Package(s) (4 / Case)	55 GA Package(s)
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****Specific Notices will not be shown until a pest is selected.**

SAFETY

PPE Information: PERSONAL PROTECTIVE EQUIPMENT (PPE) Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart. Applicators and Other Handlers (other than mixers and loaders) must wear: - Long-sleeved shirt and long pants. - Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton(R). - Shoes plus socks. Mixers and Loaders must wear: - Long-sleeved shirt and long pants. - Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton. - Shoes plus socks. - Protective eyewear. 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.

Re-Entry PPE Information: PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: - Coveralls - Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton. - Shoes plus socks.

Transport Information: DOT UN number UN3082 UN proper shipping name Environmentally hazardous substances, liquid, n.o.s. (Bifenthrin) Class 9 Transport hazard class(es) Subsidiary risk - Label(s) 9 Packing group III Environmental hazards Marine pollutant No Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Special provisions 8, 146, 335, IB3, T4, TP1, TP29 Packaging exceptions 155 Packaging non bulk 203 Packaging bulk 241 IATA UN number UN3082 UN proper shipping name Environmentally hazardous substances, liquid, n.o.s. (Bifenthrin) Class 9 Transport hazard class(es) Subsidiary risk - Label(s) 9 Packing group III Environmental hazards Yes, when transported over large bodies of water Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Passenger and cargo aircraft Allowed. Other information Cargo aircraft only Allowed. Read safety instructions, SDS and emergency procedures before handling. IMDG UN number UN3082 UN proper shipping name Environmentally hazardous substances, liquid, n.o.s. (Bifenthrin), MARINE POLLUTANT Class 9 Transport hazard class(es) Subsidiary risk - Label(s) 9 Packing group III Marine pollutant Yes Environmental hazards EmS Not available. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Transport in bulk according to Not established. Annex II of MARPOL 73/78 and the IBC Code DOT; IATA; IMDG 9 Marine pollutant General information IMDG Regulated Marine Pollutant. This product is not regulated when shipped by highway, rail, or air in non-bulk packaging (maximum capacity of 450 L (119 gallons) or less. When shipped by vessel or in bulk packaging this product is regulated according to the data shown.

Response Number: 800-424-9300

Medical Number: 888-681-4261

SDS Hazard ID Signal Word: Warning

GENERAL NOTICE 1

ENVIRONMENTAL HAZARDS This pesticide is extremely toxic to fish and aquatic invertebrates. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help to avoid run off to water bodies or drainage systems. 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 to drift to blooming crops if bees are visiting the treatment area.

GENERAL NOTICE 2

DIRECTIONS FOR USE It is a 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 agency responsible for pesticide regulation. Do not apply by ground equipment within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds (please see Special Restriction in the State of New York in the Application Recommendations section of this label). When treating tall trees (> 15 feet) from the ground with high pressure sprays or during any application with air assisted equipment (mist blower) do not apply within 150 feet of aquatic areas. Apply with ground equipment only. Do not apply when wind direction favors downwind drift towards nearby water bodies. Do not apply when wind velocity exceeds 10 mph. Avoid application when wind gusts approach 10 mph. Do not apply when a temperature inversion exists. Apply using the largest nozzle size compatible with adequate coverage. Do not apply if rain is expected within 12 hours (or whatever time is necessary for the spray to dry). Do not water treated area to the point of run-off. Do not make applications during rain. Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. 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 run off into storm drains, drainage ditches, gutters or surface waters. All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses, if allowed elsewhere on this label: 1. Applications to soil or vegetation, as listed on this label, around structures; 2. Applications to lawns, turf, and other vegetation, as listed on this label; 3. Applications to the side of a building, 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.

GENERAL NOTICE 3

Do not apply this product through any kind of irrigation system.

GENERAL NOTICE 4

Do not apply by air.

GENERAL NOTICE 5

APPLICATIONS INSTRUCTIONS Wisdom Flowable formulation mixes readily with water and other aqueous carriers, and controls listed insects and mites on ornamentals, trees, shrubs, foliage plants, non-bearing fruit and nut trees, and flowers in greenhouses and interiorscapes including hotels, shopping malls, office buildings, etc., and, outdoor plantscapes, such as around residential dwellings, parks, institutional, public, commercial and industrial buildings, recreational, athletic fields, home lawns, golf courses and sod farms. Non-bearing crops are perennial crops that will not produce a harvestable raw agricultural commodity during the season of application.. Wisdom Flowable may be tank-mixed with other products, including insect growth regulators. When tank mixing, Wisdom Flowable with other products, observe all precautions and limitations on each separate product label. The physical compatibility of Wisdom Flowable may vary with different sources of pesticide products and local cultural practices. Any tank mixtures which has not been previously tested should be prepared on a small scale (pint or quart jar) using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. The following procedure is recommended for preparation of a new tank mix, unless specified otherwise in label directions: (1) Add wettable powders to tank water, (2) Agitate, (3) Add liquids and flowables, (4) Agitate, (5) Add emulsifiable concentrates, and (6) Agitate. If a mixture is found to be incompatible following this order of addition, try reversing the order of addition, or increase the volume of water. Note: If the tank mixture is found to be compatible after increasing the amount of water, then the sprayer will need to be recalibrated for a higher volume application. Do not allow tank mix to stand overnight. Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details. If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

GENERAL NOTICE 6

For Nursery and Turf Dilution Chart please refer to page 6-7 of WISDOM FLOWABLE label.

GENERAL NOTICE 7

Applications: Grass Areas (including golf courses, sod farms, home lawns, lawn areas around parks, institutional, public, commercial and industrial buildings, recreational and athletic fields). Apply Wisdom Flowable as a surface or sub-surface treatment. Use application volumes of up to 10 gallons per 1000 square feet to get uniform coverage when treating dense and or long grass foliage. For low volume applications, less than 2 gallons/1000 square feet, immediate irrigation of treated area with at least 0.25 inches of water following application to ensure efficacy of sub-surface pests including mole crickets.

GENERAL NOTICE 8

NON-AGRICULTURAL USE REQUIREMENTS The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses. Keep children and pets off treated areas following application until the lawn has dried.

GENERAL NOTICE 9

FIRST AID If swallowed: - Call a poison control center or doctor immediately for treatment advice. - 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 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. 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 for 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. **EMERGENCY INFORMATION** 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, one: 1-888-681-4261 For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC: 1-800-424-9300 For Product Use Information phone : AMVAC : 1-888-462-6822 **NOTE TO PHYSICIAN** This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils or alcohol may increase absorption and so should be avoided.

GENERAL NOTICE 10

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS Caution: Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust (vapor or spray mist). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

GENERAL NOTICE 11

USER SAFETY RECOMMENDATIONS Users Should: - Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. - Remove clothing 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.

TANK MIX INFORMATION

Wisdom Flowable may be tank-mixed with other products, including insect growth regulators. When tank mixing, Wisdom Flowable with other products, observe all precautions and limitations on each separate product label. The physical compatibility of Wisdom Flowable may vary with different sources of pesticide products and local cultural practices. Any tank mixtures which has not been previously tested should be prepared on a small scale (pint or quart jar) using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture.

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