

Drexel Carbaryl 4L

Registrant: Drexel Chemical Company

GENERAL

EPA Registration Number:	19713-49	Signal Word:	CAUTION
CA Registration Number:	19713-49-AA		
Active Ingredient:	42.6 - Carbaryl	Application Methods:	Air, Chemigation, Ground
Label Version:	49CSP-0417*	Mode of Action:	IRAC 1A
Physical State:	Liquid (9.35 lb / ga)	Toxic To:	Aquatic Invertebrates, Bees, Saltwater Invertebrates
Product Type:	Insecticide	Rainfastness:	
Formulation Type:	Suspension		

ADDITIONAL INFORMATION

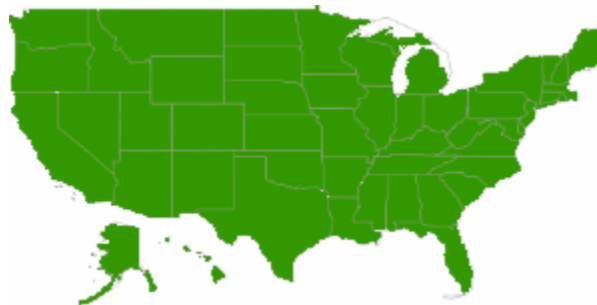
Federally Restricted:	No		
Organic Certifications:	None	Other Certifications:	None
Posting Required:	No	Closed Mixing System Required:	All applications in All States/Provinces: Not required
Oral Notification Required:	Yes	Avoid Grazing:	Yes

CALIFORNIA

Registration #:	19713-49-AA	CA Restricted:	Yes
CA NOI Required:	Yes		

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

2.5 GA Package(s) (2 / Case)	265 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 made of any waterproof material. Handlers applying with open cab airblast equipment at application rates equal to or greater than 5 quarts of this product (5 lbs. a.i.) must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of barrier laminate, butyl rubber >= 14 mils, nitrile rubber >= 14 mils, neoprene rubber >= 14 mils, natural rubber >= mils, polyethylene, polyvinyl chloride >= 14 mils or viton >= 14 mils, chemical-resistant footwear plus socks, chemical-resistant headgear and a NIOSH approved particulate respirator with any N, R or P filter, NIOSH approval number prefix TC-84A or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. All other mixers, loaders, applicators and handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves and a chemical-resistant apron when mixing, loading or cleaning up spills or equipment. In addition, mixers and loaders supporting aerial or chemigation applications must wear a NIOSH approved dust / mist filtering respirator with a NIOSH approved particulate respirator with any N, R or P filter, NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. See "ENGINEERING CONTROLS" for additional requirements and exceptions. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Re-Entry PPE Information: PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls over short-sleeved shirt and short pants, chemical-resistant gloves made of any waterproof material, chemical-resistant footwear plus socks and chemical-resistant headgear if overhead exposure.

Transport Information: DOT: - <25 gallons per complete package: Non-regulated - >25 gallons per complete package: UN-3082, Environmentally hazardous substances, liquid, (Carbaryl), 9, PG-III, RQ 100 Lbs., Marine Pollutant IMDG: UN-3082, Environmentally hazardous substances, liquid, (Carbaryl), 9, PG-III, RQ 100 Lbs., Marine Pollutant Freight Description: Agricultural insecticide, liquid, n.o.s. ERG Guide No.: 171 This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Response Number: 800-424-9300

Medical Number: 800-424-9300

SDS Hazard ID Signal Word: Danger

GENERAL NOTICE 1

USE INFORMATION CARBARYL 4L Insecticide is a suspension of microfine Carbaryl insecticide in an aqueous medium. It readily disperses in water to form a spray which may be applied by air or ground. PLANT RESPONSE PRECAUTIONS Application to wet foliage or during period of high humidity may cause injury to tender foliage. Do not use on Boston ivy, Virginia creeper and Maidenhair fern, as injury may result. Carbaryl may also injure Virginia and Sand pines. The use of adjuvants may increase the potential for crop injury to sensitive crops.

GENERAL NOTICE 2

PRE-HARVEST AND GRAZING RESTRICTIONS AND LIMITATIONS For all listed crops and uses, do not apply at greater rates or at more frequent intervals than stated on the label. If forage is grazed or used as feed for dairy and meat animals, follow all use restrictions in order to avoid illegal residues in crops, meat or milk. Do not use reclaimed irrigation water from crops treated with Carbaryl on crop for which Carbaryl tolerances are not established.

GENERAL NOTICE 3

APPLICATION INFORMATION Calibrate and adjust application equipment to ensure proper rate and accurate placement. To clean spray system after use, drain and flush with water and detergent mixture. Rinse thoroughly with clean water. Refer to the "STORAGE AND DISPOSAL" section for disposal instructions. Note: Staining may occur on certain surfaces such as stucco, brick, cinder block and wood. Spray deposits on painted or stained surfaces or finishes (i.e., cars, houses, trailers, boats, etc.) should be immediately removed by washing to prevent discoloration. Avoid applications to surfaces where visible spray residues are objectionable. For outdoor use only. **RESISTANT SPECIES NOTICE:** All references to Armyworms on the crops listed on this label refer to the species, *Pseudaletia unipuncta*, often called the "true armyworm". Except where indicated otherwise, this product is not registered for the control of other Armyworm species. Regional differences have been noted in the susceptibility of certain strains of Colorado potato beetles, Diamondback moths, Fall armyworms and Southern green stink bugs to Carbaryl. If local experience indicates inadequate product performance, use an alternative pesticide.

GENERAL NOTICE 4

APPLICATION PROCEDURES On all crops, use sufficient gallonage to obtain thorough and uniform coverage. Observe crop label instructions for specific directions regarding spray volume where they occur. Calibrate spray equipment to deliver the required volume. The flow rate of this product diluted 1:1 with water is similar to water. Use of 50-mesh slotted strainers in spray system and 25-mesh slotted strainers behind nozzles is recommended.

GENERAL NOTICE 5

Aerial Application: For adequate distribution, use at least 10 gallons of spray mixture per acre for application to tree and orchard crops or at least 2 gallons of spray mixture per acre for application to other crops. **EXCEPTION:** For use on Rangeland as a pest management approach for grasshoppers under the Reduced Area and Agent Treatment (RAATs) program only, use at least 16 fl. ozs. of finished spray mixture per acre for aerial application.

GENERAL NOTICE 6

Ground Application: Apply in sufficient volume for adequate coverage on all crops and sites.

GENERAL NOTICE 7

Sprinkler Irrigation Systems: Apply this product only through sprinkler irrigation systems including center pivot and solid set. Do not apply this product through any other type of irrigation system. Spray Preparation: First prepare a suspension of this product in a mix tank. Fill tank with one-half to three-fourths the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of this product and then the remaining volume of water. (Suspension concentrations using the appropriate dosage per acre recommended on this label per 1 to 4 gallons of water are recommended.) Then set sprinkler to deliver 0.1 to 0.3 inches of water per acre. Start sprinkler and uniformly inject the suspension of this product into the irrigation water line so as to deliver the desired rate per acre. The suspension of this product should be injected with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing. If you should have any other questions about calibration, you should contact your State Extension Service Specialists, equipment manufacturers or other experts. Note: When treatment with this product has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours to prevent washing the chemical off the crop. Applications Through Sprinkler Irrigation Systems: Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute solution per unit time. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment. Systems Connected to Public Water Systems: Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection. The pesticide injection pipeline must contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained. Crop injury, lack of effectiveness or illegal pesticide residues in the crop may result from non-uniform distribution of treated water. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the above safety devices for public water supplies are in place.

GENERAL NOTICE 8

SPECIFIC USE DIRECTIONS Crop/Site Groupings: Asparagus, Brassica leafy vegetable crops, Cereal grain crops (Field and Popcorn, Grain sorghum, Rice, Sweet corn), Cucurbit vegetables, Flax, Forage crops (Alfalfa, Birdsfoot trefoil, Clovers, Pasture and Grasses grown for hay and/or seed, Rangeland), Fruiting vegetables (Eggplant, Peppers, Tomato), Leafy vegetables (Dandelion, Endive, Lettuce, Parsley, Spinach, Leaf Petiole Subgroup 4B), Legume vegetables (Edible-Podded Legume Vegetables; Dried Shelled Pea and Bean (except Soybean); Soybean; Foliage of Legume Vegetables), Non-cropland (Conservation Reserve Program, Ditchbanks, Hedgerows, Rights-of-way, Roadsides, Set-Aside Program Acreage, Wasteland), Okra, Peanuts, Prickly pear cactus, Root and Tuber crops, Sugar beets, Sweet potatoes, Small Fruits and Berries (Bushberries, Canberries, Cranberries, Grapes, Strawberries), Sunflowers, Tobacco, Tree fruit crops (Citrus fruits, Olives, Pome fruits, Stone fruits), Tree nut crops (Pistachios, Tree nuts), Forested areas and Rangeland trees, Ornamental trees and plants, Turfgrass, Specific pests across multiple sites (Grasshoppers, Imported fire ants, Ticks which may vector Lyme disease, and Nuisance Pests). APPLICATION TIMING AND DIRECTIONS Begin application when insect populations reach recognized economic threshold levels. Consult the cooperative extension service, consultants or other qualified authorities to determine appropriate threshold levels and timing for treatment in your area. Where a dosage range is indicated, use the lower rate on light to moderate infestations, young plants and early instars and use the higher rate on heavy infestations, mature plants, advanced instars and adults. Thorough and uniform spray coverage is essential for product performance. REI = Restricted Entry Interval.

GENERAL NOTICE 9

FIRST AID IF SWALLOWED: - Immediately call a poison control center or doctor 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 or convulsing person. **IF ON SKIN OR CLOTHING:** - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15 to 20 minutes. - Call a poison control center or doctor for treatment advice. **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 IN EYES:** - Hold eye open and rinse slowly and gently with water for 15 to 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. Have the product container or label with you when calling poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for medical emergency. Note to Physician: Carbaryl is an N-methyl carbamate that inhibits cholinesterase. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

GENERAL NOTICE 10

USER SAFETY RECOMMENDATIONS Users should: 1) Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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.

GENERAL NOTICE 11

ENVIRONMENTAL HAZARDS This product is extremely toxic to aquatic invertebrates. 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. Discharge from Rice fields may kill aquatic and estuarine invertebrates. Do not apply when weather conditions favor drift from area treated. Drift and runoff may kill aquatic invertebrates in water adjacent to treated areas. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of washwaters. **BEE CAUTION:** May kill honeybees and other bees in substantial numbers. This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds in bloom. Notifying beekeepers within 1 mile of treatment area at least 48 hours before product is applied will allow them to take additional steps to protect their bees. Limiting applications to times when bees are least active, e.g., within 2 hours of sunrise or sunset, will minimize risk to bees. For crops in bloom (except corn and soybeans): Do not apply this product to target crops or weeds in bloom. For corn and soybeans: If application cannot be avoided when target crop or weeds are in bloom, limiting applications to times when bees are least active, e.g., within 2 hours of sunrise or sunset, will minimize risk to bees.

GENERAL NOTICE 12

DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product. Strictly observe label directions and precautions. 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.

GENERAL NOTICE 13

AGRICULTURAL USE REQUIREMENTS Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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), restricted entry interval (REI), and notification to workers. The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI. The REI for carbaryl is 12 hours unless otherwise specified in the directions for use associated with each crop. PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls over short-sleeved shirt and short pants, chemical-resistant gloves made of any waterproof material, chemical-resistant footwear plus socks, and chemical-resistant headgear if overhead exposure. When the REI for a crop is 7 days or longer, you must notify workers of the application by warning them orally and by posting warning signs at entrances to treated area.

GENERAL NOTICE 14

NON-AGRICULTURAL USE REQUIREMENTS The requirements in this box apply to uses of this product that are NOT within the scope of the WPS for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Do not enter or allow others to enter the treated area until sprays have dried.

GENERAL NOTICE 15

STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. **PESTICIDE STORAGE:** Store unused product in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100 degrees F. If container is damaged, before cleaning up, put on Personal Protective Equipment (PPE). **PESTICIDE DISPOSAL:** To avoid waste, use all materials in this container by application 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 (rigid material; less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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 one-fourth 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. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Nonrefillable Container (rigid material; 5 gallons up to < 250 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Refillable Container (>= 250 gallons & Bulk): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

GENERAL NOTICE 16

WARRANTY - CONDITIONS OF SALE OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

GENERAL NOTICE 17

ENGINEERING CONTROLS Pilots must use an enclosed cockpit in a manner that is consistent with the WPS for Agricultural Pesticides [40 CFR 170.240(d)(6)]. Applicators using airblast equipment for application to Citrus in California and for wide area mosquito adulticide applications must use an enclosed cab that meets the definition in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, such applicators must: - wear long-sleeved shirt, long pants, shoes and socks; - either wear a NIOSH approved particulate respirator with any N, R or P filter, NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C or use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as this type of respirator; - be provided, have immediately available for use, and wear in an emergency when they must exit the cab in the treated area coveralls, chemical-resistant gloves, chemical-resistant footwear and chemical-resistant headgear (if overhead exposure) plus - if not already using one - the respirator specified above; - take off any PPE that was worn in the treated area before re-entering the cab, and - store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab. Human flagging is prohibited, except for flagging to support ultra low volume aerial applications for Rangeland Grasshopper and Mormon Cricket Suppression through the Animal and Plant Health Inspection Service (APHIS) Program or affiliated State programs. Flagging to support aerial application for all other use patterns is limited to the use of Global Positioning System (GPS) or mechanical flaggers. Flaggers supporting ultra low volume aerial applications for Rangeland Grasshopper and Mormon Cricket Suppression through APHIS program or affiliated State programs must use an enclosed cab that meets the definition in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, flaggers must: - wear long-sleeved shirt, long pants, shoes and socks; - either wear a NIOSH-approved dust / mist filtering respirator with a NIOSH approved particulate respirator with any N, R or P filter, NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C or use an enclosed cab that is declared in writing by the manufacturer or by government agency to provide at least as much respiratory protection as this type of respirator; - be provided, have immediately available for use, and wear in an emergency when they must exit the cab in the treated area: chemical-resistant gloves and chemical-resistant headgear and, if using an enclosed cab that provides respiratory protection, a respirator of the type specified above; - take off any PPE that was worn in the treated area before re-entering the cab; and - store all such PPE in a chemical-resistant container, such as plastic bag, to prevent contamination of the inside of the cab. When applicators use enclosed cabs in a manner that meets the requirements listed in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

GENERAL NOTICE 18

USER SAFETY RECOMMENDATIONS Users should: 1) Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing / PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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** This product is extremely toxic to aquatic invertebrates. 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. Discharge from Rice fields may kill aquatic and estuarine invertebrates. Do not apply when weather conditions favor drift from area treated. Drift and runoff may kill aquatic invertebrates in water adjacent to treated areas. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of washwaters. **BEE CAUTION:** May kill honeybees and other bees in substantial numbers. This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds in bloom. Notifying beekeepers within 1 mile of treatment area at least 48 hours before product is applied will allow them to take additional steps to protect their bees. Limiting applications to times when bees are least active, e.g., within 2 hours of sunrise or sunset, will minimize risk to bees. For crops in bloom (except Corn and Soybeans): Do not apply this product to target crops or weeds in bloom. For Corn and Soybeans: If application cannot be avoided when target crop or weeds are in bloom, limiting applications to times when bees are least active, e.g., within 2 hours of sunrise or sunset, will minimize risk to bees.

GENERAL NOTICE 19

DIRECTIONS FOR USE It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product. Strictly observe label directions and precautions. 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.

GENERAL NOTICE 20

AGRICULTURAL USE REQUIREMENTS Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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), restricted entry interval (REI), and notification to workers. The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI. The REI for carbaryl is 12 hours unless otherwise specified in the directions for use associated with each crop. PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls over short-sleeved shirt and short pants, chemical-resistant gloves made of any waterproof material, chemical-resistant footwear plus socks, and chemical-resistant headgear if overhead exposure. When the REI for a crop is 7 days or longer, you must notify workers of the application by warning them orally and by posting warning signs at entrances to treated area. **NON-AGRICULTURAL USE REQUIREMENTS** The requirements in this box apply to uses of this product that are NOT within the scope of the WPS for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Do not enter or allow others to enter the treated area until sprays have dried.

GENERAL NOTICE 21

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals **CAUTION:** Harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. **OVEREXPOSURE MAY CAUSE:** Salivation, watery eyes, pinpoint eye pupils, blurred vision, muscle tremors, difficult breathing, excessive sweating, abdominal cramps, nausea, vomiting, diarrhea, weakness or headache. **IN SEVERE CASES, CONVULSIONS, UNCONSCIOUSNESS AND RESPIRATORY FAILURE MAY OCCUR. SIGNS AND SYMPTOMS MAY OCCUR RAPIDLY FOLLOWING OVEREXPOSURE TO THIS PRODUCT.** Some materials that are chemical-resistant to this product are made of any waterproof material. Handlers applying with open cab airblast equipment at application rates equal to or greater than 5 quarts of this product (5 lbs. a.i.) must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, natural rubber \geq mils, polyethylene, polyvinyl chloride \geq 14 mils or viton \geq 14 mils, chemical-resistant footwear plus socks, chemical-resistant headgear and a NIOSH approved particulate respirator with any N, R or P filter, NIOSH approval number prefix TC-84A or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. All other mixers, loaders, applicators and handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves and a chemical-resistant apron when mixing, loading or cleaning up spills or equipment. In addition, mixers and loaders supporting aerial or chemigation applications must wear a NIOSH approved dust / mist filtering respirator with a NIOSH approved particulate respirator with any N, R or P filter, NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. See "ENGINEERING CONTROLS" for additional requirements and exceptions. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

GENERAL NOTICE 22

KEEP OUT OF REACH OF CHILDREN

GENERAL NOTICE 23

SHAKE WELL BEFORE USING [OPTIONAL: RECIRCULATE CONTENTS BEFORE USE] ATTENTION: This product contains a chemical known to the state of California to cause cancer and reproductive harm in laboratory animals.

GENERAL NOTICE 24

RESISTANCE MANAGEMENT GROUP 1A INSECTICIDE Carbaryl 4L contains a Group 1A insecticide. Insect biotypes with acquired resistance to Group 1A may eventually dominate the insect population if Group 1A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 1A insecticides. To delay insecticide resistance, consider: - Avoiding the consecutive use of this product or other Group 1A insecticides that have similar target site of action on the same insect species. - Using tank-mixtures or pre-mixes with insecticides from a different target site action Group as long as the involved products are all registered for the same use and have different sites of action. - Basing insecticide use on a comprehensive IPM program. - Monitoring treated insect populations for loss of field efficacy. - Contacting your local extension specialist, certified crop advisors, and / or manufacturer for insecticide resistance management and / or IPM recommendations for specific site and resistant pest problems.

GENERAL NOTICE 25

Intended For Agricultural or Commercial Use. This product contains 4 pounds of Carbaryl per gallon.

GENERAL NOTICE 26

DRIFT MANAGEMENT: For airblast application, follow the following drift management practices: - Adjust deflectors and aiming devices so that the spray is only directed into the canopy. - Block off upward pointed nozzles when there is no overhanging canopy. - Do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off sprayer when turning at end rows). For applications to the outside rows, only spray inward, toward the orchard.

TANK MIX INFORMATION**COMPATIBILITY INFORMATION**

This product, when diluted with at least an equal volume of water, is compatible with a wide range of pesticides. It is not compatible with diesel fuel, kerosene, fuel oil or aromatic solvents. If compatibility with another product and the resulting crop response is unknown, the mixture should be tested on a small scale. Curdling, precipitation, greasing, layer formation or increased viscosity are symptoms of incompatibility. Incompatibility will reduce product performance and may cause application and handling difficulties or plant injury. Observe all precautions and limitations on labeling of all products used in mixtures.

When preparing combination sprays, first add this product to at least an equal volume of water, mix thoroughly and then add combination products to the mixture. Do not apply tank mix combinations unless your previous experience indicates the mixture is effective and will not result in application problems or plant injury.

Carbaryl is unstable under highly alkaline conditions and mixtures with strong bases, such as Bordeaux, lime-sulfur and casein-lime spreaders and will result in chemical degradation of the insecticide. Do not use this product in water with pH values above 8.0 unless a buffer is added. If necessary, water should be buffered to neutral (pH = 7.0) before adding this product to the spray tank. Overhead irrigation with alkaline or

muddy water after application will also accelerate chemical degradation and may result in reduced product performance.

SPECIAL INSTRUCTIONS**MIXING, LOADING AND HANDLING INSTRUCTIONS**

To assure a uniform suspension, agitate, stir or recirculate all containers of this product prior to use. Remove oil, rust, scale, pesticide residues and other foreign matter from mix tanks and entire spray system. Flush with clean water. Fill spray or mix tank with one-half to three-fourths the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of this product and then the remaining volume of water. Include rinse water from container. Prepare only as much spray mixture as can be applied on the day of mixing.

Maintain continuous agitation during mixing and application to assure a uniform suspension. Do not store spray mixture for prolonged periods or degradation of Carbaryl may occur. Local water conditions may also accelerate the degradation of spray mixtures containing carbaryl. See the following "COMPATIBILITY INFORMATION".