Scepter T&O 70 WDG Herbicide

Registrant: Amvac Chemical Corporation

GENERAL

EPA Registration Number:	5481-613	**Signal Word:**	CAUTION
Active Ingredient:	70 - Imazaquin	**Application Methods:**	Ground
Label Version:	13616-20210616	**Mode of Action:**	WSSA 2
Physical State:	Dry	**Toxic To:**	Non-Target Organism Forage And Habitat, Non-Target Plants, Pollinator Forage And Habitat
Product Type:	Herbicide	**Rainfastness:**	
Formulation Type:	Water Dispersible Granules		

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:	No	**Avoid Grazing:**	See Label

CALIFORNIA

Registration #:		**CA Restricted:**	No
CA NOI Required:	No		

REGISTERED FOR USE IN

PACKAGE TYPES

11.43 OZ Package(s) (10 / Case)

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

SAFETY

PPE Information:	Personal Protective Equipment (PPE): Applicators and other handlers must wear: - Long-sleeved shirt and long pants. - Chemical resistant gloves made of any waterproof material. - Shoes plus socks. 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.
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 made of any waterproof material. - Shoes plus socks.
Transport Information:	DOT Not regulated as dangerous goods. IATA UN number UN3077 UN proper shipping name Environmentally hazardous substance, solid, n.o.s. (Imazaquin) Class 9 Transport hazard class(es) Subsidiary risk - Packing group III Environmental hazards Yes ERG Code 9L Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Passenger and cargo Allowed with restrictions. aircraft Other information Cargo aircraft only Allowed with restrictions. Read safety instructions, SDS and emergency procedures before handling. IMDG UN number UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Imazaquin), MARINE POLLUTANT UN proper shipping name Class 9 Transport hazard class(es) Subsidiary risk - Packing group III Marine pollutant Yes Environmental hazards EmS F-A, S-F Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable. General information: IMDG Regulated Marine Pollutant.
Response Number:	800-424-9300
Medical Number:	888-681-4261
SDS Hazard ID Signal Word:	Warning

GENERAL NOTICE 1

ENVIRONMENTAL HAZARDS DO NOT apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. DO NOT contaminate water by cleaning of equipment or disposal of waste. This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination. NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift. GROUNDWATER ADVISORY STATEMENT: This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow. SURFACE WATER ADVISORY STATEMENT: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of imazaquin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

GENERAL NOTICE 2

USE INFORMATION Scepter(R) T&O 70 WDG Herbicide is a unique, versatile herbicide that will control or aid in the control of many important weeds in warm-season turfgrasses and selected ornamentals. Scepter T&O 70 WDG Herbicide may be used on established warm-season turfgrasses Bermudagrass, St. Augustinegrass, Centipedegrass and Zoysiagrass, to grounds or lawns around residential and commercial establishments, parks, golf courses, athletic fields, cemeteries, and sod farms, and to control specified weeds in ornamentals in the maintained landscape. Scepter T&O 70 WDG Herbicide will effectively control susceptible weeds when applied during the directed application timings (pre and post). Scepter T&O 70 WDG Herbicide-treated turfgrasses may have a compacted growth habit and formation of seedheads may be inhibited for 2-6 weeks depending on grass species and growing conditions at the time of application. Turf vigor is not impaired with this application when the rate, timing and turf species are followed according to label directions. The activity of Scepter T&O 70 WDG Herbicide involves uptake by weed roots and/or foliage and rapid translocation to growing points. Treated plants stop growing soon after spray application. Chlorosis appears first in the newest leaves, with necrosis spreading from this point. In perennials, the herbicide is translocated into, and kills, underground storage organs. Complete death may not occur for several weeks after application in susceptible weed species. The amount of rainfall or irrigation required following application depends on existing soil moisture, density of turf and thatch or other surface vegetation, and soil type. Sufficient rainfall or irrigation of at least 0.25 to 0.5 inches is necessary for optimum herbicide activation.

GENERAL NOTICE 3

ADDITION OF SURFACTANTS A non-ionic surfactant at the rate of 2 pints per 100 gallons (0.25% v/v) should be added to the spray mixture. Add the non-ionic surfactant to the spray mixture after herbicide(s) have mixed. An antifoaming agent may be added to the tank, if needed. SPRAYING INSTRUCTIONS Uniformly apply Scepter T&O 70 WDG Herbicide sprays with a properly calibrated sprayer in sufficient volume to ensure adequate coverage (20-200 gallons/acre). AVOID drift onto vegetables, flowers, ornamental shrubs and other desirable plants or injury may result. AVOID overlaps when spraying. A spray indicator dye may be added to prevent overlaps.

GENERAL NOTICE 4

FIRST AID 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 phone: 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

GENERAL NOTICE 5

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.

GENERAL NOTICE 6

NON-AGRICULTURAL USE REQUIREMENTS The requirements in this box apply to uses of the 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, or greenhouses. DO NOT enter treated areas without protective clothing until sprays have dried.

GENERAL NOTICE 7

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.

GENERAL NOTICE 8

SPRAY DRIFT MANAGEMENT SPRAY DRIFT Ground Boom Applications: - User must only apply with the release height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground. - For applications prior to the emergence of crops and target weeds, applicators are required to use a coarse or coarser droplet size (ASABE S572.1). - For all other applications, applicators are required to use a medium or coarser droplet size (ASABE S572.1). - Do not apply when wind speeds exceed 15 miles per hour at the application site. - Do not apply during temperature inversions. Boomless Ground Applications: - Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications. - Do not apply when wind speeds exceed 15 miles per hour at the application site. - Do not apply during temperature inversions. SPRAY DRIFT Spray Drift Advisories: THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAYDRIFT. BE AWARE OF NEARBYNON-TARGET SITES AND ENVIRONMENTAL CONDITIONS. IMPORTANCE OF DROPLET SIZE An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions. Controlling Droplet Size - Ground Boom - Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate. - Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size. - Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift. BOOM HEIGHT - Ground Boom For ground equipment, the boom should remain level with the crop and have minimal bounce. SHIELDED SPRAYERS Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area. TEMPERATURE AND HUMIDITY When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation. TEMPERATURE INVERSIONS Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions. WIND Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. - Applicators need to be familiar with local wind patterns and terrain that could affect spray drift. SPRAY DRIFT ADVISORIES Boom-less Ground Applications: - Setting nozzles at the lowest effective height will help to reduce the potential for spray drift. Handheld Technology Applications: - Take precautions to minimize spray drift. WEED RESISTANCE MANAGEMENT For resistance management, Scepter 70 DG herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Scepter 70 DG herbicide and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed. To delay herbicide resistance take one or more of the following steps: - Rotate the use of Scepter 70 DG herbicide or other Group 2 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field. - Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance. - Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices. - Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed. - If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available. - Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes. - For further information or to report suspected resistance, contact AMVAC Chemical at 1-888-462-6822.

GENERAL NOTICE 9

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. Observe all cautions and limitations on this label and on the labels of products used in combination with Scepter(R) T&O 70 WDG Herbicide. The use of Scepter T&O 70 WDG Herbicide not consistent with this label may result in plant injury. Keep containers closed to avoid spills and contamination. DO NOT apply this product through any type of irrigation system. DO NOT apply this product aerially.

TANK MIX INFORMATION

HERBICIDE COMBINATIONS
When Scepter T&O 70 WDG Herbicide is used in tank-mixture with another herbicide refer to each label for rates, methods of application, proper timing, weeds controlled, limitations and precautions. Scepter T&O 70 WDG Herbicide cannot be mixed with any product containing a label prohibition against such mixing. It is the pesticide users responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

SPECIAL INSTRUCTIONS

MIXING INSTRUCTIONS
Fill the spray tank one-half to three-quarters full with clean water. While agitating add the required amount of Scepter T&O 70 WDG Herbicide and then fill the remainder of the tank with water. Maintain agitation while spraying to ensure a uniform spray mixture.
When tank-mixing Scepter T&O 70 WDG Herbicide with directed herbicides, add Scepter T&O 70 WDG Herbicide to the spray tank first and make sure it is thoroughly mixed before adding the tank-mix herbicide.