TALISMAN™

Dragonfire™ Technology

For use as a post-emergent, non-selective, contact herbicide for burndown of broadleaf and grass weeds, moss and algae in residential, industrial, institutional, public, commercial, and recreation sites, including golf courses and athletic fields and around greenhouses, nurseries, and container and field grown ornamental plants.

ACTIVE INGREDIENT:	**% BY WT.**
Caprylic Acid	30.0%
Capric Acid	30.0%
OTHER INGREDIENTS:	40.0%
TOTAL:	100.0%

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.)

FIRST AID	
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.
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.

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

See booklet for Additional Precautionary Statements, Directions for Use, and Storage and Disposal.

EPA Reg. No. 5481-688 **EPA Est. No. 72714-TN-02**

Net Contents: 1 Quart

AMVAC Chemical Corporation
15440 Laguna Canyon Road, Suite 100
Irvine, CA 92618
1-888-462-6822

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Escanee para español

AMGUARD™
ENVIRONMENTAL TECHNOLOGIES

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PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do NOT get in eyes or on clothing. Wear goggles, face shield or safety glasses. Avoid contact with skin or clothing. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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. Do NOT contaminate water when disposing of equipment washwater or rinsate. 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 avoid run off to water bodies or drainage systems.

PHYSICAL/CHEMICAL HAZARD STATEMENTS

Combustible. Do NOT use or store near heat or open flame.

Personal Protective Equipment (PPE)

APPLICATORS AND OTHER HANDLERS MUST WEAR

- Long-sleeved shirt and long pants
- Waterproof or chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton®
- Protective eyewear
- Shoes plus socks

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash thoroughly with soap and water after handling and 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.

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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 manner that will contact workers or other people, either directly or through drift. Only protected workers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Read and follow all applicable directions and precautions on this label before using.

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, 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), restricted-entry interval and notification to workers. 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 24 hours.

PPE required for early entry into 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:

- Long-sleeved shirt and pants
- Waterproof or chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or viton
- Shoes plus socks
- Protective eyewear

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 (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.

Keep unprotected persons out of treated areas until sprays have dried.

For early reentry to treated areas and that involves contact with anything that has been treated such as plants, soil, or water, wear: coveralls, shoes with socks, and waterproof or chemical-resistant gloves.

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PRODUCT INFORMATION

TALISMAN® is a post-emergence, non-selective, contact herbicide used to control annual and perennial broadleaf and grass weeds, moss and algae. **TALISMAN** can be used any time during the year, and works best when plants are actively growing. Application during cool or dry weather may delay plant burndown. **TALISMAN** is non-systemic and does not translocate within the plant.

Application Sites

For use on visible weeds growing in nurseries, greenhouses, landscape beds, mulch rings, vegetable gardens, flower gardens, gravel areas, cracks in sidewalks, driveways, patios, as well as around buildings, sheds, foundations, and other structures rock/brick/block walls, shrubs, trees, and fences, rights-of-way, dormant turf, parking lots and golf course greenscapes. Refer to general instructions for Use Methods.

Mixing Information

Dilute with water using the table below as a guide. Use the 3% solution for small, easy-to-kill weeds, less than 5 inches tall. Use the 6% solution for larger broadleaf and grass weeds, moss and algae. Use the 9% solution for tough-to-kill weeds, weeds that have set seed, vines, brush, and sucker control. Apply in a minimum of 40 gallons per acre.

Final volume of spray solution	Amount of TALISMAN per volume of water		
	3% solution	6% solution	9% solution
1 quart (32 fl oz)	1 fl oz	2 fl oz	3 fl oz
1 gallon (128 fl oz)	4 fl oz	8 fl oz	12 fl oz

Application Instructions

Once diluted, shake well (or agitate) before use. Spray weeds thoroughly, using a coarse nozzle setting to reduce drift. Thorough coverage is extremely important. For spot treatment of individual weeds, apply the mixed solution to the center of plant to the point of runoff. Plant damage will be visible from a few hours to 2 days after spraying. Repeat treatment as needed to control new weeds growing from seed and re-growth from biennial and perennial weeds. Do NOT spray desirable plants. Do NOT allow spray droplets to drift onto desirable plants. Thoroughly wash equipment after use.

Spray equipment options include hand-held, boom sprayers, pressure sprayers, and hose-end sprayers. Spray nozzles that produce a uniform spray will give maximum coverage of the leaves.

RESTRICTIONS

- Do NOT apply this product by aerial application.
- Do NOT apply this product through any type of irrigation system.
- Do NOT spray desirable plants.
- Do NOT allow spray droplets to drift onto desirable plants.
- Do NOT allow people or pets to touch treated weeds until sprays have dried.

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Compatibility: Use a jar test to conduct a compatibility test when you plan to mix **TALISMAN** with other products. Using a quart jar, add the proportionate amounts of the products to approximately one quart of solution. Add dry formulations first, then aqueous flowables, and then emulsifiable concentrates last. Agitate well. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination does not form a precipitate and can be readily remixed, it is physically compatible. Once compatibility has been confirmed, use the same order of addition for adding products to the spray and. Follow the more restrictive labeling requirements of any tank mix partner. Do NOT tank mix with products which prohibit tank mixing. Treat a small test plot if new combinations of products are being used for the first time. Observe all precautions and use directions on tank mix partner labels.

Use Method	Determine the weed control situation and select the use method that best fits.
Burndown of Weeds	General control of weeds, grass, moss and algae for site preparation and non-crop areas. Applications may be made in and around desirable plants as long as desirable plants are not contacted by spray droplets either directly or by drift. Note, damage will occur to all plants contacted by the spray.
Desiccation and Harvest Aid	To aid in the removal of plant leaves prior to harvest and/or burndown of weeds to facilitate harvest. Any spray that contacts desirable plants due to misapplication, drift or poor shield protection, will damage or kill the desirable plants.
Pre-plant Application	Application prior to emergence of desirable plants from seed, perennial root stocks, bulbs, tubers etc. Application must be made before desirable plants emerge from soil, or these plants will be damaged, or killed.
Post-Harvest Spray	For annual plants to control weeds, grass, moss and algae growing in fields after the last crop has been harvested.
Directed and Shielded Sprays	Applications may be made around desirable plants by directing the spray, so it does not hit desirable plants, or by using shielded sprayers that use mechanical shields to prevent spray from contacting desirable plants. Any spray that contacts desirable plants due to misapplication, drift, or poor shield protection, will damage or kill the desirable plants.
Sucker Control	To burn back and control sucker growth or other unwanted growth on woody trees, foliage growth on vines, excessive cane growth in brambles or other use sites. Apply only to unwanted vegetative parts. Apply before suckers become woody.
Structural and Building Sites	To control weeds, grass, moss and algae in sidewalks, driveways, patios, around buildings, sheds, foundations and other structures, rock/brick/block walls and fences.

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STORAGE AND DISPOSAL

Do NOT contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store product in original container only. Store product in a cool, dry place. Do NOT store this product in wet conditions. If this product has been stored where freezing temperatures have occurred, agitate, or mix contents of container well before use. Avoid cross-contamination with other pesticides. Do NOT store at temperatures below 39°F.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse 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 1/4 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. Offer for recycling, if available.

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LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the specifications on this label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states, or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

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15440 Laguna Canyon Road, Suite 100
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STORAGE AND DISPOSAL

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PEEL DOWN FOR DIRECTIONS >

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