

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: **SpectraShield™ Dog Medallion**
EPA Reg. No. 39039-14-89400

Date Prepared: 9/28/12
Date Revised: 10/21/14

Mfg. by:
Y-TEX Corporation
1825 Big Horn Ave., PO Box 1450
Cody, WY 82414

Distributed by:
Peak Marketing
P.O. Box 279
Blue Springs, MO 64013

For Health Safety Emergency Only, Call 1-855-777-0658 (24 hours)
Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)
(7:30am – 4:30pm MDT, Monday-Friday)

General Use: For control of ticks and fleas on dogs for up to 4 months

SECTION 2: HAZARDS IDENTIFICATION**GHS CLASSIFICATION:**

<u>Health</u>	<u>Environmental</u>	<u>Physical</u>
Acute Toxicity: Category 4 (Oral)	Acute Toxicity: Extremely toxic to fish and aquatic invertebrates	None Known
Skin Irritation: No	Chronic Toxicity: Category 4	
Skin Sensitization: No		
Eye: No		

GHS LABEL:



SIGNAL WORD:

WARNING**HAZARD STATEMENTS:**

Symbols: Exclamation – acute toxicity, Environmentally hazardous substance

<u>Hazard Statements</u>	<u>Precautionary Statements</u>
WARNING	
H302 Harmful if swallowed	P101 If medical advice is needed, have product container or label at hand
H413 May cause long lasting harmful effects to aquatic life	P102 Keep out of reach of children
	P103 Read label before use
	P264 Wash thoroughly with soap and water after handling
	P270 Do not eat, drink or smoke when using this product
	P273 Avoid release to the environment
	P301+P312 IF SWALLOWED: Do not induce vomiting unless told to do so by a poison control center or physician. Do not give anything by mouth to an unconscious person. Call a physician if you feel unwell.
	P330 Rinse mouth
	P501 Dispose of contents by securely wrapping and discarding in trash. Non-refillable container. Do not reuse. Discard in trash or offer for recycling.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous Ingredients:****Zeta-cypermethrin, S-enantiomer (FMC 56701)**

S-cyano (3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichloroethenyl)-2,2
Dimethylcyclopropane-carboxylate*

*cis/trans ratio: max. 55% (±) cis and min. 45% (±) trans, inert related

Compounds less than 2%.

Piperonyl Butoxide

(butylcarbityl) (6-propylpiperonyl) ether and related compounds

Concentration (w/w)
% g/kg CAS Number

10.0% 100 52315-07-8

20.0% 200 51-03-6

SECTION 4: FIRST AID

Eye Contact: Eye contact may cause mild irritation. Avoid eye contact with medallions or used gloves. If contacted, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, seek medical attention.

Skin Contact: Wash skin immediately and thoroughly with soap and water for 15-20 minutes after contact.

Ingestion: May be harmful if swallowed. If part of medallion is swallowed, 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. Call physician.

Inhalation: No apparent hazard with normal use. 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.

Other Information: This product contains zetacypermethrin, a pyrethroid insecticide, and piperonyl butoxide, a mixed-function oxidase inhibitor.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (method): Not Applicable Autoignition Temperature: Not Determined

LEL: Not Applicable UEL: Not Applicable

Flammability Classification: Not Applicable

Extinguishing Media: Foam, CO₂ or dry chemical. Soft stream water fog only if necessary. Contain all runoff.

Hazardous Combustion Products: On burning may decompose to form carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine and hydrogen chloride.

Unusual Fire or Explosion Hazards: Not applicable. This product is not explosive.

Fire-Fighting Instructions/Equipment: (For a large quantity of product) Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe or contact smoke, gases or vapors generated. Runoff must be contained due to fish toxicity.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use recommended personal protective equipment (see Section 8). Small spill: Solid product. Not applicable. Large Spill: Solid product. Not Applicable.

SECTION 7: HANDLING AND STORAGE

Handling Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Precautions: Do not contaminate food, feedstuffs or water. This product is **extremely** toxic to fish and aquatic invertebrates. **DO NOT USE THIS PRODUCT ON CATS.** Do not use on puppies less than 6 months of age. Do not contaminate water by disposal of used medallions.

Storage

Requirements: Store in original container in a dry, cool place away from direct sunlight. Do not store near heat or open flame.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	U.S. OSHA PEL	ACGIH TLV
Eye/Face Protection:	None required.		
Skin Protection:	Wear long-sleeved shirt, long pants, socks, shoes and rubber or non-permeable protective gloves when applying medallions.		
Respiratory Protection:	None required.		
Engineering Controls:	None required.		
Administrative Controls:	Use this product only as specified on this label.		
Other Information:	See Section 7		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Solid, molded plastic medallion, dark blue color		
Odor:	Essentially odorless	Odor Threshold (ppm):	Not applicable
pH:	Not applicable		
Melting Point:	Approx. 150°C (302°F)	Boiling Point:	Not applicable
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
Flammability (solid, gas):	Solid, Nonflammable		
LEL:	Not applicable	UEL:	Not applicable
Vapor Pressure (mm Hg):	1.9 x 10 ⁻³ mm Hg for zetacypermethrin a.i.		
Vapor Density (Air = 1):	1.219 g/cm ³ , @ 25°C for zetacypermethrin a.i.		
Relative Density:	1.21 g/ml (4, 6 or 8 g/medallion)		
Specific Gravity (H ₂ O = 1):	Not applicable		
Solubility in Water:	Essentially Insoluble		
Coefficient of Water/Oil solubility:	Not applicable	Autoignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable	V.O.C.:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable	Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Do not store near heat or flame.		
Chemicals to Avoid:	None known.		
Hazardous Decomposition Products:	On burning may decompose to form carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine and hydrogen chloride.		

SECTION 11: TOXICOLOGICAL INFORMATIONAcute Effects: Low single dose toxicity:

Eyes:	Eye contact may cause mild irritation. Avoid eye contact with medallions or used gloves. If contacted, flush with plenty of water. If irritation persists, seek medical attention.		
Skin:	Acute dermal LD ₅₀ >5000 mg/kg (male & female albino rats). Skin irritant: No (albino rabbits); Skin sensitizer: No (guinea pigs). Wash thoroughly with soap and water after handling.		
Ingestion:	Acute oral LD ₅₀ >1000 mg/kg (rats, estimated for whole medallion); Acute oral LD ₅₀ >500 mg/kg (for small particles in male & female albino rats). May be harmful if swallowed. 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.		
Inhalation:	No apparent hazard with normal use. Move person to fresh air.		

Chronic Effects

Eyes:	Not Determined	Carcinogenicity:	None known
Skin:	Not Determined	Target Organ Effects:	Not Determined
Ingestion:	Not Determined	Sensitization to Product:	Skin – No (guinea pigs)
Inhalation:	Not Determined	Irritancy of Product:	Skin – No (albino rabbits)
Medical Conditions Aggravated by Long-term Exposure: None presently known.			

SECTION 12: ECOLOGICAL INFORMATION

This product is **extremely** toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water by disposal of used medallions. Use this product only as specified on the label.

SECTION 13: DISPOSAL CONSIDERATIONS

Pesticide Disposal:	Remove/replace medallions when ticks and fleas are noticed again on pet or replace after 4 months, whichever comes first. Securely wrap used medallions in a plastic bag or several layers of newspaper and discard in trash. Do not reuse container. Discard in trash.		
Container Disposal:	Non-refillable container. Do not reuse bag. Discard bag in trash, or offer for recycling if available.		

SECTION 14: TRANSPORT INFORMATION

UN Number:	Not applicable	U.S. DOT:	Not restricted, NMFC #155050
UN Proper Shipping Name:	Not applicable	Transport Hazard Class:	Not restricted
Packing Group:	Not applicable	Marine Pollutant:	No

SECTION 15: REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

May be harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

SECTION 16: OTHER INFORMATION

Revision date: 10/21/14

USA EPA Reg. No.: 39039-14-89400 USA EPA Establishment No.: 39039-WY-01

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