



Flycam Pty Ltd

Specialising in Integrated Buffalo Fly Control on Cattle,
Y-Tex Livestock Identification & Pest Control Products



Material Safety Data Sheet

PRODUCT NAME: PYthon[®] Insecticidal Cattle Ear Tag
Australia APVMA Approval No. 48148

SECTION 1 - MANUFACTURER

Distributor's

Name FLYCAM PTY LTD.

Address

7/26 Achievement Crescent

City, State, and ZIP

Acacia Ridge, QLD 4110

Date Prepared

03/07/2002

Date Revised

23/03/2010

For Health Safety Emergency Only

13-1126 Poisons Information Centre

Other Information Calls

(02) 6282 5325 Flycam Pty Ltd.

U.S. EPA Establishment No.

39039-WY-01

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))

U.S. OSHA PEL

CAS No.

Concentration (w/w)
% g/kg

ACTIVE INGREDIENTS:

Zetacypermethrin, S-enantiomer (FMC 56701)

NA

52315-07-8

10.0%

100

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

Piperonyl Butoxide, Technical

NA

51-03-6

20.0%

200

Min. 80% (butylcarbityl)(6-propylpiperonyl) ether and

Max. 20% related compounds

(NA = Not Applicable)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point

NA

Specific Gravity (H₂O=1) 1.21

Vapor Pressure (mm Hg)

1.9 x 10⁻⁹ mm Hg

for zetacypermethrin a.i.

Vapor Density (Air=1) 1.219 g/cm³, @ 25°C for zetacypermethrin a.i.

Solubility in Water

Essentially Insoluble

Reactivity in Water None

Appearance and Odor

Light purple ear tag;

Melting Point About 150°C

Essentially odorless

SECTION 4 - FIRE & EXPLOSION DATA

Flash

Method

Flammable Limits

LEL

UEL

Point NA F. C.

Used NA

in Air % by Volume

Lower

NA

Upper

NA

Auto-Ignition Temperature

NA

Extinguisher Media

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

Special Fire Fighting Procedures

Isolate fire area. Evacuate downwind. Wear full protective clothing & self-contained breathing apparatus.

Do not breathe or contact smoke, gases or vapors generated. Runoff must be contained due to fish toxicity.

Unusual Fire and Explosion Hazards

NA

Note: NA = Not Applicable

PYthon® Insecticidal Cattle Ear Tag

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable <input type="checkbox"/>	Conditions	
	Stable <input checked="" type="checkbox"/>	to Avoid	Do not store near heat or open flame.
Incompatibility (Materials to Avoid)	None known		
Hazardous Decomposition Products	On burning, may decompose to form carbon monoxide, carbon dioxide, hydrogen cyanide, chlorine & hydrogen chloride.		
Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions	
	Will Not Occur <input checked="" type="checkbox"/>	to Avoid	

SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: CAUTION)

1. Acute	Low single dose toxicity:	2. Chronic	Not Determined
Acute oral LD ₅₀ >1000 mg/kg (rats, estimated for whole tag); Acute oral LD ₅₀ >500 mg/kg (for small particles in male & female albino rats)			
Acute dermal LD ₅₀ >5000 mg/kg (male & female albino rats). Skin irritant: No (albino rabbits); Skin sensitizer: No (guinea pigs)			
Signs and Symptoms of Exposure	Normal use produces no apparent abnormal symptoms.		
Medical Conditions Generally Aggravated by Exposure	None Presently Known.		

Chemical Listed as Carcinogen or Potential Carcinogen	US National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	USA OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Emergency and First Aid Procedures	May produce mild eye & skin irritation in some individuals. If eye or skin contact occurs, rinse immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.								
ROUTES	1. Inhalation	No apparent hazard with normal use. If inhaled, move person to fresh air.							
	2. Eyes	Eye contact may cause irritation. Avoid eye contact with tags or used gloves. If contacted, flush with plenty of water. If irritation persists, seek medical attention.							
OF	3. Skin	May be harmful if absorbed through skin. Wear rubber or non-permeable protective gloves when applying tags. Wash thoroughly with soap & water after handling.							
ENTRY	4. Ingestion	May be harmful if swallowed. 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.							

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Wear clean, washable or disposable gloves daily when applying tags. Wash thoroughly with soap and water after handling and before eating or smoking. This product is toxic to fish. Do not contaminate streams, rivers, or waterways with the tags or used containers.	
Other Precautions	Store in original container in a dry, cool place away from direct sunlight. Store below 30°C.	
Steps to be Taken in Case Material is Released or Spilled		
Waste Disposal Methods (Consult federal, state, and local regulations)	Destroy empty containers by crushing them. Dispose of containers and spent tags at a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers and spent tags at a depth of 500mm or more at an approved disposal site. Do not burn empty containers or spent tags.	

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	None required			
Ventilation	Local Exhaust	Mechanical (General)	Special	Other
Protective Gloves	Wear rubber or non-permeable protective gloves when applying tags.		Eye Protection	None required
Other Protective Clothing or Equipment	None Required			
Work/Hygienic Practices	See Section 7			

FLYCAM PTY LTD, 7/36 Achievement Crescent, Acacia Ridge, QLD 4110