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® Magnum™ Insecticide Cattle Ear Tag**
USA EPA Reg. No.: 39039-11
alternate brand name: **PYthon Maxima™ Insecticidal Cattle Ear Tag**
Australia APVMA Approval No. 57920

SECTION 1 - MANUFACTURER

Distributor's Name: FLYCAM PTY LTD.

Address: 7/36 Achievement Crescent

City, State, and ZIP: Acacia Ridge, QLD 4110

For Health Safety Emergency Only: 13-1126 Poisons Information Centre

Other Information Calls: (02) 6282 5325 Flycam Pty Ltd.

Date Prepared: 3/07/2002

Date Revised: 11/5/2005

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.	%, w/w (optional)
ACTIVE INGREDIENTS:			
Zetacypermethrin, s-enantiomer (FMC 56701)	**NA**	**52315-07-8**	**10.00%**
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**	**20.00%**
Min. 80% (butylcarbityl)(6-propylpiperonyl) ether and Max. 20% related compounds			

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable

Specific Gravity (H_2O=1): 1.2

Vapor Pressure (mm Hg): 1.9×10^{-9} mm Hg for zetacypermethrin a.i.

Vapor Density (Air=1): 1.219 g/cm^3, @ 25°C for zetacypermethrin a.i. (FMC 56701)

Solubility in Water: Essentially Insoluble

Reactivity in Water: None

Appearance and Odor: Navy Blue ear tag; Essentially odorless

Melting Point: About 150°C (302°F.)

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: NA F. C.

Method Used: NA

Flammable Limits in Air % by Volume — LEL Lower: NA — UEL Upper: NA

Auto-Ignition Temperature: NA

Extinguisher Media: Foam, CO_2 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

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable	o	Conditions to Avoid	Do not use or store near heat or open flame.
	Stable	n		

Incompatability (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	o	Conditions to Avoid
	Will Not Occur	n	

SECTION 6 - HEALTH HAZARDS (SIGNAL WORD: CAUTION)

1. Acute: Very low single dose toxicity
Acute oral LD_{50} > 500 mg/kg (rat). Acute dermal LD_{50} > 2000 mg/kg.

2. Chronic: Not Determined

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	National Toxicology Program	I.A.R.C. Monographs	OSHA
	Yes o	Yes o	Yes o
	No n	No n	No n

Emergency and First Aid Procedures: May produce mild eye & skin irritation. 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 OF ENTRY

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.
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.
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: Wash thoroughly with soap & water after handling & before eating or smoking. Avoid contamination of food, feedstuffs or water. This product is toxic to fish.

Other Precautions: Store in cool place away from direct sunlight.

Steps to be Taken in Case Material is Released or Spilled:

Waste Disposal Methods (Consult federal, state, and local regulations): Remove tags before animal slaughter. Securely wrap used tags in a plastic bag or several layers of newspaper and discard in trash. Do not reuse tag container. Discard in trash.

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