

CANON SMOKE

MSDS

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SECTION I. PRODUCT INFORMATION

PRODUCT NAME: Canon Smoke	CHEMICAL: Cypermethrin	CHEMICAL FAMILY: Synth. Pyrethroid
USE: Insecticide	FORM: Smoke Generator	BIS REGISTRATION NO: CIR-46,828/2003 CYPERMETHRIN (SG)(240)-2107

SECTION II. HAZARDOUS INGREDIENTS

INGREDIENT NAME:	% BY WEIGHT
COMMON NAME: Cypermethrin	IUPAC NAME : (RS)-alpha-cyano-3-phenoxy benzyl (1RS)-cis-, trans-3-(2,2-dichlorovinyl) -2,2- dimethylcyclo propane carboxylate (IUPAC) 3.00

SECTION III. PHYSICAL DATA

APPEARANCE : Powder	COLOUR : Yellow
ODOR : Characteristic	SPECIFIC GRAVITY : N/A
MELTING POINT : N/A	BOILING POINT : N/A
WATER REACTIVITY : N/A	EVAPORATION RATE: N/A
VAPOR DENSITY : N/A	VAPOR PRESSURE : N/A
SOLUBILITY : N/A	BULK DENSITY : N/A

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT: N/A	FLAMMABLE LIMIT: UPPER LIMIT: N/A LOWER LIMIT: N/A	AUTOIGNITION TEMP: N/A
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EXTINGUISHING MEDIA:

Extinguish with water, foam or inert gas.

FIRE FIGHTING PROCEDURES:

Wear self contained breathing apparatus and protective clothing.. Minimize amount of water used and contain the runoff by diking.

OTHER FIRE OF EXPLOSION HAZARD:

On Ignition the product tends to react and release dense fumes containing Cypermethrin.

SECTION V. REACTIVITY HAZARD DATA

STABILITY: Reacts on Ignition	CONDITIONS TO AVOID: High Temperature
HAZARDOUS POLYMERISATION: Will Not Occur	CONDITIONS TO AVOID: None
INCOMPATIBILITY: Strongly alkaline/acidic materials	HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION VI. TOXICITY DATA

LD50, ORAL (INGESTION): > 969 mg/Kg (rats)	LD50,DERMAL(SKIN CONTACT): > 4000 mg/Kg (rats)	LC50, INHALATION: N/A
EYE IRRITATION: None (Rabbits)	SKIN IRRITATION: None (Rabbits)	DERMAL SENSITIZATION: Not Considered as a Sensitizer

SECTION VII. HEALTH HAZARDS

PRIMARY ROUTE OF ENTRY: Ingestion		SIGNS AND SYPTOMS OF EXPOSURE: Heavy exposure to a gust of Pyrethroid produces hyper sensitivity, Ataxia, Urinary incontinence, convulsions possible.		
ACUTE:	INGESTION: Poisonous	EYE: Avoid Contact	SKIN: Avoid Contact	INHALATION: N/A
CHRONIC: None				
EMERGENCY FIRST AID PROCEDURES: Eyes: Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance. Skin: Wash with soap and water. Ingestion: Call physician immediately. Do not give anything by mouth or induce vomiting unless instructed by the physician. Inhalation: None				
NOTE TO PHYCISIAN: In case of poisoning symptoms occur call the doctor immediately. If ingested, induce vomiting or carry out gastric lavage with care to prevent aspiration. Treat symptomatically. If skin is contaminated, wash the effected area with copious water and soap. If eyes are contaminated, irrigate with normal saline or water for about 15 minutes and refer to doctor.				

SECTION VIII. CONTROL AND PROTECTIVE METHODS

RESPIRATOR TYPE: Not Required	EYE PROTECTION: Not Required
GLOVES (Recommended): Rubber Gloves	VENTILATION: Not Required
OTHER PROTECTIVE METHODS: Operators should use appropriate safety equipments while using as the product releases fumes when used	

SECTION IX. SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN THE EVENT OF LEAKAGE OR SPILL: Sweep up spilled material, place in properly labeled container for disposal or re-use
WASTE DISPOSAL METHOD: Dispose of empty packaging material in household garbage. Dispose of waste or excess material by burial below 0.5 meters or in accordance with local government regulations.

SECTION X. SPECIAL PRECAUTIONS AND STORAGE DATA

STORAGE TEMPERATURE: Room Temperature	AVERAGE SHELF LIFE: Stable for a minimum of 2 Years when stored under proper conditions
SENSITIVITY (HEAT, LIGHT, MOISTURE): Avoid exposure to light and extreme humidity	
PRECAUTIONS FOR HANDLING AND STORAGE: Store in a cool, dry place inaccessible to children, pets and wildlife. Keep packing in sealed condition when not in use. Avoid contamination of lakes, streams and ponds by use, storage or disposal. Wash thoroughly with soap and water after handling.	
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