



MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC., 20500 TRANSCANDA HWY,
BAIE D'URFÉ, QUEBEC, H9X 0A2
CANADA

Flea & Tick Powder for Cats
Sergeant's
50146

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Section I. Product identification and uses	
Product name	Flea & Tick Powder for Cats
CAS #	N/A
Use	Domestic Insecticide
Supplier	Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2
Emergency	Call your local Poison Control Center

Section II. Composition and information on ingredients					
Ingredients	Conc. (%)	CAS #	EINECS #	LD50	LC50
Carbaryl	5%	63-25-2	N/A	1947 mg/kg oral-rat, >2000 mg/kg dermal-rabbit	N/A
Pyrethrins	0.1%	8003-34-7	N/A	200 mg/kg oral-rat ; 1800 mg/kg dermal-rabbit	N/A
Piperonyl Butoxide	1%	121-75-5	N/A	2010 mg/kg oral-rat ; >2000 mg/kg dermal-rabbit	>5.9 mg/L

Section III. Hazardous ingredients		
WHMIS	Classification	Transport of dangerous goods
Not controlled	N/A	Not controlled

Section IV. Physical data	
Physical state and appearance/Odour	Solid. White / Off-white powder
pH	No data
Percent volatile	Not applicable
Freezing point	Not applicable



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Boiling point	Not applicable
Specific gravity	Not applicable
Vapour density	Not applicable
Vapour pressure	Not applicable
Evaporation rate	Not applicable
Solubility	Insoluble

Section V. Fire or explosion risk			
Flammability conditions			
N/A			
Means of extinction			
Foam, Dry Chemical, Carbon Dioxide, Water Fog			
Procedures in case of a fire			
Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.			
Hazardous combustion materials			
Noxious and/or toxic fumes may be generated as a result of decomposition.			
Flash point	Flammability threshold		Temp auto-ignition
N/A	Minimal	Maximal	No data
	N/A	N/A	

Section VI. Reactivity data	
Instability conditions	Stable
Incompatible products	Strong acids, bases and oxidizers
Reactivity conditions	Temperatures above 40°C to avoid.
Hazardous decomposition products	Carbon Monoxide, Carbon Dioxide



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Section VII. Toxicological properties	
Routes of entry	
Effects of acute	May cause temporary irritation to the eyes, nose, throat and respiratory tract Other Health Effects: Carbaryl is a cholinesterase inhibitor. The antidote is atropine.
Eye	
Skin	
Inhalation	
Ingestion	
Effects of chronic overexposure	None Known.

Section VIII. First aid	
Eye contact	Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.
Skin contact	Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.
Inhalation	Move victim to fresh air. Give Artificial Respiration ONLY if required. Give CPR if there is NO breathing AND NO pulse. Obtain medical advice if symptoms persist.
Ingestion	Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. DO NOT induce vomiting. If spontaneous vomiting occurs, lean victim forward with head down to avoid breathing vomitus. OBTAIN MEDICAL ADVICE.



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Section IX. Accidental release measures	
Person-related safety precautions	Wear adequate protective clothing and equipment.
Measures for environmental protection	Stop leak and contain spill. Sweep up spilled material and shovel in waste container for disposal. Do not contaminate local water supplies or environments.
Measures for cleaning/collecting	Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Section X. Handling and storage
Store in cool, dry, ventilated area. Keep out of reach of children. Avoid breathing dust, contact with eyes, skin and clothing. Wash thoroughly after use.

Section XI. Exposure controls and personal protection	
Protective clothing	Respiratory Protection: Prolong usage requires a NIOSH/MSHA approved respirator Eye Protection: Safety goggles. Skin Protection: Chemical resistant gloves Other Personal Protective Equipment: Coveralls
Engineering controls	Local exhaust or ventilation.

Section XII. Disposal considerations	
Product recommendation	Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.
Uncleaned packaging recommendation	Since emptied container retains product residue, all labeled hazard precautions must be observed.

Section XIII. Ecological information
N/A

Prepared by Rolf C. Hagen Inc. (514) 457-0914	Validated _____
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