



MATERIAL SAFETY DATA SHEET

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

Shoo! Outdoor Granular Repellent
Sergeant's
70109

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Section I. Product identification and uses	
Product name	Shoo! Outdoor Granular Repellent
CAS #	Mix
Use	Domestic animal repellent
Supplier	Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2
Emergency	Call your local Poison Control Centre

Section II. Composition and information on ingredients					
Ingredients	Conc. (%)	CAS #	EINECS #	LD50	LC50
Methyl Nonyl Ketone	1.9	112-12-9		5000 mg/kg – rat (oral) Calculated for mixture: 263,000 mg/kg	

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	Tan & brown granules / typical ketone odour
pH	No data
Percent volatile	Not applicable
Freezing point	Not applicable
Boiling point	Not applicable
Specific gravity	Not applicable
Vapour density	Not applicable
Odour threshold	No data



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Vapour pressure	Not applicable
Evaporation rate	Not applicable
Solubility	Insoluble in water

Section V. Fire or explosion risk			
Flammability conditions			
Means of extinction			
Foam, carbon dioxide, dry chemical or water fog			
Procedures in case of a fire			
Wear self-contained breathing apparatus and impervious clothing. Minimize the amount of water used and contain the run-off.			
Hazardous combustion materials			
Flash point	Flammability threshold		Temp auto-ignition
Not applicable	Minimal	Maximal	No data
	Not applicable	Not applicable	

Section VI. Reactivity data	
Instability conditions	Stable
Incompatible products	Acids, bases and strong oxidizers
Reactivity conditions	Prolonged exposure to temperatures above 100°C may cause decomposition
Hazardous decomposition products	Carbon dioxide and carbon monoxide



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Section VII. Toxicological properties	
Routes of entry	
Effects of acute	
Eye	May cause irritation
Skin	May cause irritation
Inhalation	May cause irritation to throat and respiratory tract
Ingestion	Can cause stomach irritation resulting in cramps, nausea and vomiting.
Effects of chronic overexposure	None anticipated under normal use and exposure.

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 and restore breathing if required. 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. Obtain medical attention.



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Section IX. Accidental release measures	
Person-related safety precautions	
Measures for environmental protection	Do not contaminate local water supplies or environments.
Measures for cleaning/collecting	Stop leak and contain spill. Sweep up spilled material and shovel in waste container for disposal. 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
Avoid breathing dust, contact with eyes, skin and clothing. Wash thoroughly after use. Store in cool, dry, ventilated area. Keep out of reach of children and pets. Storage Temperature: Min: none Max: 50°C

Section XI. Exposure controls and personal protection	
Protective clothing	Chemical resistant gloves.
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	

Section XIII. Ecological information

Section XIV. Transportation information