



MATERIAL SAFETY DATA SHEET

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

Sergeant's
Shoo! Out Granular Repellent
70109

Page 1 of 4

Section I. Product identification and uses	
Product name	Shoo! Outdoor Granular Repellent
P.C.P. Registration #	28131
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.

Ingredients	Conc. (%)	CAS #	LD50	LC50
Methyl Nonyl Ketone	N/A	112-12-9	5000 mg/kg – rat (oral) Calculated for mixture: 263,000 mg/kg	N/A

Section III. Hazardous ingredients		
WHMIS	Classification	Transport of dangerous goods
Not regulated	Not applicable	Not regulated

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 available
Vapour density	Not available
Odour threshold	Not available
Vapour pressure	Not available
Evaporation rate	Not available
Solubility	Insoluble in water

Sergeant's
Shoo! Out Granular Repellent
70109

Section V. Fire or explosion risk			
Flammability conditions			
Not applicable			
Means of extinction			
Not applicable			
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			
None known			
Flash point	Flammability threshold		Temp auto-ignition
Not available	Minimal	Maximal	Not available
	Not available	Not available	

Section VI. Reactivity data	
Instability conditions	Stable. Prolong exposure to temperature above 100°C may cause decomposition.
Incompatible products	Acids, bases and strong oxidizers.
Reactivity conditions	Will not polymerize.
Hazardous decomposition products	Carbon dioxide and carbon monoxide

Section VII. Toxicological properties	
Routes of entry	Ingestion and inhalation. Eye and skin contact.
Effects of acute	May be harmful by ingestion, inhalation or skin absorption. May cause irritation.
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.



MATERIAL SAFETY DATA SHEET

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

Sergeant's

Shoo! Out Granular Repellent

70109

Page 3 of 4

Section VIII. First aid

Eye contact	Immediately flush eyes with plenty of water for at least 20 minutes holding lids apart to ensure flushing of entire surface. If irritation persists, seek medical attention.
Skin contact	Immediately flush skin with plenty of water and thoroughly wash with soap and water. If irritation persists, seek medical attention.
Inhalation	Remove patient to fresh air. And restore breathing if required. Obtain medical advice if symptoms persist.
Ingestion	Give 1 to 2 glasses (200 to 500ml) of water to dilute material. Do not induce vomiting. Obtain medical attention.

Section IX. Accidental release measures

Person-related safety precautions	Wear chemical resistant glove.
Measures for environmental protection	Stop leak and contain spill. Sweep up spilled material and shovel in waste container for disposal according to all applicable regulations.
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

Avoid breathing dust, contact with eyes, skin and clothing. Wash thoroughly after use.

Section XI. Exposure controls and personal protection

Protective clothing	Wear respirator, chemical splash goggles, rubber boots and heavy rubber gloves.
Engineering controls	Local exhaust or ventilation is recommended.

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.
Unclean packaging recommendation	According to local, provincial, federal regulations.

Section XIII. Ecological information

The ecological characteristic of this product have not been fully investigated. The product should not be allowed to enter drains, or water course, or be deposited where it can affect ground or surface waters.



MATERIAL SAFETY DATA SHEET

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

Sergeant's

Shoo! Out Granular Repellent

70109

Page 4 of 4

Section XIV. Other information

To the best of our knowledge, the chemical, physical and toxicity of this substance has not been fully investigated. Do not breathe vapour. Avoid all contact with the product. Avoid prolonged or repeated exposure. Manipulate in a well ventilated area or under an adequate fume hood.
--

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

Validated April 30 th , 2012

While the company believes the data set forth herein are accurate as the date hereof, the company makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration and verification.
--