


Sergeant 's
Shoo Dog & Cat Repellent
70108

Section I. Product identification and uses	
Product name	Shoo Dog & Cat Repellent & Training Aid
PCP#	25194
Use	Repellent and training aid
Supplier	Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2
Emergency	Contact your local Poison Control Centre

Section II. Composition and information on ingredients				
Ingredients	Conc. (%)	CAS #	LD50	LC50
Methyl Nonyl Ketone	1 to 5	Not available	Not available	Not available
Isobutane	5 to 10	75-28-5	Not applicable	142,500 ppm (4h) inhal-rat
Propane	1 to 5	74-98-6	Not applicable	Not available

Section III. Hazardous ingredients		
WHMIS	Classification	Transport of dangerous goods
	A: Compressed gas B1: Flammable gas	T.D.G. Classification : Consumer commodity (aerosols, UN1950, Class 2.1) D.O.T. Classification : Consumer commodity, ORM-D

Section IV. Physical data	
Physical state and appearance/Odour	Aerosol, off-white emulsion / insecticide
pH	6-7
Percent volatile	96-97 (by weight)
Freezing point	Not available
Boiling point	100°C (conc.)
Specific gravity	0.99-1.03
Vapour density	Greater than 1
Odour threshold	Not available
Vapour pressure	50-60 psig (@ 20°C)
Evaporation rate	Less than 1
Solubility	Soluble in water



MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC., 20500 TRANSCANDA HWY,
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Aerosol Percent VOC (w/w)	10-11
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Section V. Fire or explosion risk			
Flammability conditions			
Warning – Flammable. Excessive heat sparks and opens flame.			
Means of extinction			
Water, carbon dioxide, dry chemical, foam.			
Procedures in case of a fire			
Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self-contained breathing apparatus should be worn in a fire involving this material.			
Hazardous combustion materials			
Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.			
Flash point	Flammability threshold		Temp auto-ignition
Not available	Minimal	Maximal	Not available
	1.9	9.5	

Section VI. Reactivity data	
Instability conditions	Stable under normal conditions
Incompatible products	Strong oxidizing agents
Reactivity conditions	Not applicable
Hazardous decomposition products	Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.



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Section VII. Toxicological properties	
Routes of entry	
Effects of acute	Dizziness, nausea. Irritation to skin and eyes.
Eye	May cause irritation
Skin	May cause irritation
Inhalation	Inhalation of solvents may cause irritation. Propellant is a simple asphyxiant.
Ingestion	May cause headache, nausea, vomiting and weakness
Effects of chronic overexposure	Solvents may cause defatting dermatitis

Section VIII. First aid	
Eye contact	Flush immediately with plenty of water for at least 15 minutes and get medical attention.
Skin contact	Wash thoroughly with soap and water
Inhalation	Remove to fresh air
Ingestion	Do not induce vomiting, get medical attention.

Section IX. Accidental release measures	
Person-related safety precautions	Remove all sources of ignition.
Measures for environmental protection	Ventilate area. Prevent from entering a watercourse.
Measures for cleaning/collecting	Use an inert absorbent material and non-sparking tools.

Section X. Handling and storage	
Keep away from heat, sparks and open flame. Store in a cool, well ventilated area not to exceed 50°C.	

Section XI. Exposure controls and personal protection	
Protective clothing	Safety glasses
Engineering controls	Ventilation – local (mechanical if used indoors on a continuous basis)

Section XII. Disposal considerations	
Product recommendation	Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.



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Section XIII. Ecological information
Not available

Prepared by Rolf C. Hagen Inc. (514) 457-0914	Validated: October, 2012
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