



## MATERIAL SAFETY DATA SHEET

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

<b>Indoor Cat Repellent</b>
<b>Repellent</b>
<b>C-155</b>

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Section I. Product identification and uses	
Product name	Indoor Cat Repellent
CAS #	N/A
Use	Indoor repellent for cats
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 #	LD50	LC50
Methyl Nonyl Ketone	1 to 5	112-12-9	Not available	Not available
Isobutane	5 to 10	75-28-5	Not available	142,500 ppm (4h) INHAL-Rat
Propane	1 to 5	74-98-6	>5,000 mg/kg Dermal Rabbit	N/A

Section III. Hazardous ingredients		
WHMIS	Classification	Transport of dangerous goods
Not controlled	N/A	Consumer Commodity (aerosols, UN1950, Class 2.1)

Section IV. Physical data	
Physical state and appearance/Odour	Aerosol / Off white emulsion
pH	6-7
Percent volatile	96-97 (per weight)
Freezing point	N/A
Boiling point	N/A
Specific gravity	0.99-1.03
Vapour density	Greater than 1
Vapour pressure	50 – 60
Odour threshold	N/A
Evaporation rate	Less than 1
Solubility	Soluble



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<b>Section V. Fire or explosion risk</b>			
Flammability conditions			
WARNING- FLAMMABLE. Excessive heat, sparks and open flame will ignite the material.			
Means of extinction			
Water from fogging nozzles may be used to cool closed container to prevent build-up if exposed to extreme temperatures. Appropriated extinguishing media: water, carbon dioxide, dry chemical, foam.			
Procedures in case of a fire			
Evacuate enclosed and surrounding areas. If fumes and smoke cannot be avoided, use adequate suit and breathing apparatus MSHA/NIOSH or an equivalent.			
Hazardous combustion materials			
Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.			
Flash point	Flammable limit		Temp auto-ignition
N/A	Lower	Upper	N/A
	1.9%	9.5	

<b>Section VI. Reactivity data</b>	
Instability conditions	This product is stable in non-emergency conditions.
Incompatible products	Strong oxidizing agents
Reactivity conditions	Stable under normal conditions
Hazardous decomposition products	Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.

<b>Section VII. Toxicological properties</b>	
<b>Routes of entry</b>	Eyes, inhalation, ingestion
Effects of acute	Dizziness, nausea, irritation to eye and skin
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	Solvent may cause defatting dermatitis.



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<b>Section VIII. First aid</b>	
Eye contact	Immediately flush eyes with running water for a minimum of 15 minutes and get medical attention.
Skin contact	Wash with mild soap and water.
Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Call a physician.

<b>Section IX. Accidental release measures</b>	
Person-related safety precautions	Wear safety glasses
Measures for environmental protection	Remove all sources of ignition. Use an inert absorbent material, and non sparking tools. Ventilate area. Prevent from entering a watercourse.
Measures for cleaning/collecting	Dispose in accordance with local, provincial, and federal regulations.

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

<b>Section XI. Exposure controls and personal protection</b>	
Protective clothing	The usual precautionary measures are to be adhered to when handling chemicals.
Engineering controls	Ventilation – Local (mechanical if used indoors on a continuous basis)

<b>Section XII. Disposal considerations</b>	
Product recommendation	Do not puncture or incinerate containers, even when empty. 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.

<b>Section XIII. Ecological information</b>	
N/A	



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