



MATERIAL SAFETY DATA SHEET

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

Flea & Tick Shampoo for Dogs
Shampoo
D-11

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Section I. Product identification and uses	
Product name	Flea & Tick Shampoo for Dogs
CAS #	N/A
Use	To kill fleas and ticks on dogs
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
Pyrethrins	0.0513-0.0567%	8003-34-7	232-319-8	N/A	N/A
Piperonyl butoxide	0.1026-0.1139%	51-03-6	200-076-7	N/A	N/A
n-octyl bicycloheptene dicarboximide (MGK 264)	0.1746-0.1859%	113-48-4	204-029-1	N/A	N/A
Formaldehyde	0.036-0.038%	50-00-0	N/A	N/A	N/A
Methanol	0.0065-0.0075%	67-56-1	N/A	N/A	N/A

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	Clear green liquid with characteristic odour
pH	8.00-9.00
Freezing point	<5°C
Boiling point	100°C



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Specific gravity	1.010-1.030
Vapour pressure	N/A
Odour threshold	N/A
Evaporation rate	N/A
Solubility	Water

Section V. Fire or explosion risk			
Flammability conditions			
Water based product, represents no particular fire or explosion hazard under normal conditions.			
Means of extinction			
Use extinguisher with water, carbonic foam, dry chemical or carbon dioxide.			
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			
Carbon dioxide, carbon monoxide and oxides of sulfur			
Flash point	Flammability threshold		Temp auto-ignition
N/A	Minimal	Maximal	N/A
	none	none	

Section VI. Reactivity data	
Instability conditions	This product is stable in non-emergency conditions.
Incompatible products	N/A
Reactivity conditions	Stable under normal conditions
Hazardous decomposition products	None



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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
Ingestion	May cause irritation
Effects of chronic overexposure	None

Section VIII. First aid	
Eye contact	Flush eyes with running water for a minimum of 15 minutes
Skin contact	Flush skin with plenty of water.
Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Give plenty of water to dilute. Call a physician.



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Section IX. Accidental release measures

Person-related safety precautions Wear adequate personal protective clothing and equipment

Measures for environmental protection Rinse well with water

Measures for cleaning/collecting Eliminate with water

Section X. Handling and storage

Dry and cool location with good ventilation.
No special handling measures required.

Section XI. Exposure controls and personal protection

Protective clothing The usual precautionary measures are to be adhered when handling chemicals.
Chemical safety goggles.

Engineering controls

Section XII. Disposal considerations

Product recommendation Dispose of in an approved landfill in accordance with federal, provincial and local regulations.

Uncleaned packaging recommendation Since emptied container retains product residue, all labeled hazard precautions must be observed.

Section XIII. Ecological information

N/A

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