



MATERIAL SAFETY DATA SHEET

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

Sergeant's
Worm-Away Capsules
70255

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Section I. Product identification and uses	
Product name	Worm-Away Capsules for Dog
DIN#	02240381
Use	Deworming
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 #	LD50	LC50
Piperazine Citrate	140mg	41372-10-5	Acute : 11200mg/kg (rat) 8500mg/kg (mouse)	N/A

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

Section IV. Physical data	
Physical state and appearance/Odour	Solid (deliquescent crystals solid).
pH	Not applicable
Percent volatile	Not applicable
Freezing point	Not applicable
Boiling point	Not applicable
Specific gravity	Not applicable
Vapour density	Not applicable
Odour threshold	Not available
Vapour pressure	Not applicable
Evaporation rate	Not applicable
Solubility	Partially soluble in cold water

Section V. Fire or explosion risk	
Flammability conditions	
Combustible at high temperature.	
Means of extinction	
Water.	

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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.			
Hazardous combustion materials			
Carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂).			
Flash point	Flammability threshold		Temp auto-ignition
Not available	Minimal	Maximal	Not available
	N/A	N/A	

Section VI. Reactivity data	
Instability conditions	Stable
Incompatible products	Not applicable
Reactivity conditions	Not applicable
Hazardous decomposition products	Not applicable

Section VII. Toxicological properties	
Routes of entry	Ingestion and inhalation. Eye and skin contact.
Effects of acute	Dizziness, nausea. Irritation to skin and eyes.
Eye	Inflammation of the eye is characterized by redness, watering and itching.
Skin	May cause irritation
Inhalation	May cause irritation.
Ingestion	May cause headache, nausea, vomiting and weakness.
Effects of chronic overexposure	Not available

Section VIII. First aid	
Eye contact	Check for and removal any lenses. Immediately flush eyes with plenty of water for at least 15 minutes holding lids apart to ensure flushing of entire surface. Cold water may be used. Do not use any ointments. Get medical attention.
Skin contact	Rinse with water for a few minutes.
Inhalation	Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.



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Ingestion

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical attention.

Section IX. Accidental release measures

Person-related safety precautions Splash goggles and lab coat. Full suit. Dust respirator. Boots, gloves. A self apparatus should be used to avoid inhalation of the product.

Measures for environmental protection According to all applicable regulations.

Measures for cleaning/collecting Use appropriate tools (or shovel) to put the spilled solid in a convenient waste disposal container. Finish cleaning by absorbing spill with inert materials such as clays, sand, earth or vermiculite and place in closed container for disposal. Clean the spill area after product complete removal. DO NOT empty into drain.

Section X. Handling and storage

Keep away from heat. Keep away for ignition source. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. In case of insufficient ventilation, wear suitable respiratory equipment.

Section XI. Exposure controls and personal protection

Protective clothing Splash goggles and lab coat.

Engineering controls Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

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

Possibly hazardous short degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.



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