



## MATERIAL SAFETY DATA SHEET

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

|   |
|---|
| <b>Flea &amp; Tick Shampoo for Dogs</b> |
| <b>Sergeant's</b>                       |
| <b>70055 &amp; 70056</b>                |

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| <b>Section I. Product identification and uses</b> |   |
|---|---|
| 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 you local Poison Control Center                              |

| <b>Section II. Composition and information on ingredients</b> |                 |           |           |      |      |
|---|-----------------|-----------|-----------|------|------|
| 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  |
| DMDM hydantoin  | 0.36-0.44%      | 6440-58-0 | N/A       | N/A  | N/A  |

| <b>Section III. Hazardous ingredients</b> |                |                              |
|---|----------------|------------------------------|
| WHMIS                                     | Classification | Transport of dangerous goods |
| Not controlled                            | N/A            | Not controlled               |

| <b>Section IV. Physical data</b>    |  |
|-------------------------------------|--|
| Physical state and appearance/Odour | Clear green liquid with characteristic odour |
| pH                                  | 7.00-7.50                                    |
| Freezing point                      | <5°C   |
| Boiling point                       | 100°C  |
| Specific gravity                    | 1.010-1.030                                  |
| Vapour density                      | N/A  |
| Odour threshold                     | N/A  |



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|                  |       |
|------------------|-------|
| Vapour pressure  | N/A   |
| Evaporation rate | N/A   |
| Solubility       | Water |

| <b>Section V. Fire or explosion risk</b>  |                        |         |                    |
|---|------------------------|---------|--------------------|
| 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 sulphur.  |                        |         |                    |
| Flash point   | Flammability threshold |         | Temp auto-ignition |
| N/A   | Minimal                | Maximal | N/A                |
|   | none                   | none    |                    |

| <b>Section VI. Reactivity data</b> |   |
|------------------------------------|---|
| 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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| <b>Section VII. Toxicological properties</b> |                      |
|--|----------------------|
| <b>Routes of entry</b>                       |                      |
| Effects of acute                             |                      |
| Eye  | May cause irritation |
| Skin   | May cause irritation |
| Inhalation                                   | May cause irritation |
| Ingestion                                    | May cause irritation |
| Effects of chronic overexposure              | None                 |

| <b>Section VIII. First aid</b> |   |
|--------------------------------|---|
| 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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