



MATERIAL SAFETY DATA SHEET

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

| |
|----------------------------------|
| Indoor Repellent for Dogs |
| Hagen |
| D-115 |

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| Section I. Product identification and uses | |
|---|---|
| Product name | Indoor Repellent for Dogs |
| CAS # | N/A |
| Use | Aids in keeping dogs off furniture |
| Supplier | Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2 |
| Emergency | Call you local Poison Control Center |

| Section II. Composition and information on ingredients | | | | | |
|---|---------------|-----------|-----------|------|------|
| Ingredients | Conc. (%) | CAS # | EINECS # | LD50 | LC50 |
| Isopropyl alcohol | 19.80-20.20 | 67-63-0 | N/A | N/A | N/A |
| Methyl Nonyl Ketone | 1.90-2.10 | 112-12-9 | 203-937-5 | N/A | N/A |
| Denatonium Benzoate | 0.0099-0.0101 | 3734-33-6 | 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 | Opaque liquid with characteristic odour |
| pH | 5.00-7.00 |
| Freezing point | N/A |
| Boiling point | N/A |
| Specific gravity | 0.9450-0.9650 |
| Vapour density | N/A |
| Odour threshold | N/A |
| Vapour pressure | |



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| | |
|------------------|-------|
| | 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 | | | |
| N/A | | | |
| 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 of respiratory tract |
| Ingestion | May cause adverse health effects |
| Effects of chronic overexposure | None |

| Section VIII. First aid | |
|--------------------------------|---|
| Eye contact | Immediately flush eyes with running water for a minimum of 20 minutes – hold eyelids open during flushing |
| Skin contact | Wash with mild soap and water. |
| Inhalation | Remove to fresh air. |
| Ingestion | Do not induce vomiting. Give plenty of water or milk 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

No special 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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