SECTION 1. Product and Company Identification
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Product Code: 270-230-D
Product Name: DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY
Chemical Family: compound

Manufacturer Name and Address:
Distributed by: CHEMTREC (800)424-9300
Farnam Companies, Inc. District of Columbia (202)483-0414
301 West Osborn Road Farnam Companies, Inc (800)234-2269
Phoenix, AZ.

Additional Identity Information
2703

SECTION 2. Composition/Information on Ingredients
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Methyl nonyl kentone</td>
<td>1021-87-3</td>
<td>2.1 %</td>
</tr>
<tr>
<td>2. Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}</td>
<td>67-63-0</td>
<td>40.0 -65.0 %</td>
</tr>
</tbody>
</table>

OSHA PEL | ACGIH TLV | Other Limits
1. No data. | No data. | No data.
2. 400ppm | 500ppm | 400ppmTWA

SECTION 3. Hazards Identification
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY
Emergency Overview
No data available.

Route(s) of Entry:
Inhalation? Yes, Skin? Yes, Eyes? Yes, Ingestion? Yes

Potential Health Effects (Acute and Chronic)
Avoid breathing vapors- may cause respiratory irritation. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid contamination of food or feedstuffs. Do not apply to food crops.

Carcinogenicity:

Carcinogenicity/Other Information
No data available.

Signs and Symptoms Of Exposure
NE

Medical Conditions Generally Aggravated By Exposure
NE

SECTION 4. First Aid Measures

DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Emergency and First Aid Procedures
IF SWALLOWED: Do NOT induce vomiting, contact a physician or Poison Control Center immediately.
IF INHALED: Remove patient to fresh air. Apply artificial resuscitation if indicated. Consult physician if irritation persists.
IF IN EYES: Flush thoroughly with plenty of water, consult physician if irritation persists.
IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. Wash contaminated clothing before reuse.

Note to Physician
No data available.

SECTION 5. Fire Fighting Measures

DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Flash Pt: 55.00 F Method Used: COC
Explosive Limits: LEL: NT UEL: NT
Extinguishing Media
H2O, foam, CO2, dry chemical

Fire Fighting Instructions
Keep away from excessive heat. Cool containers with fine mist of water. Evacuate down wind. Move containers from area if possible. Fight pesticide fires from upwind, keep out of smoke, use SCBA. Dike fire control waters to prevent runoff into sewers or other waterways.

**Flammable Properties and Hazards**
Containers may burst if overheated. Alcohol flames may be difficult to see. Equipment used in fighting pesticide fires may require decontamination.

**Hazardous Combustion Products**
No data available.

---

**SECTION 6. Accidental Release Measures**

**DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY**

**Steps To Be Taken In Case Material Is Released Or Spilled**
Absorb onto commercial absorbent or dry carrier such as sawdust, earth, etc. Sweep into disposal containers. Rinse spill area with detergent, control runoff, absorb detergent into dry carrier and sweep into disposal containers.

---

**SECTION 7. Handling and Storage**

**DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY**

**Hazard Label Information:**
Glove permeation data does not exist

**Precautions To Be Taken in Handling**
Do not use or store near heat, sparks or open flame. Store in cool, dry place.

**Precautions To Be Taken in Storing**
No data available.

**Other Precautions**
KEEP OUT OF REACH OF CHILDREN.

---

**SECTION 8. Exposure Controls/Personal Protection**

**DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY**

**Protective Equipment Summary - Hazard Label Information:**
NIOSH/MSHA approved respirator  Neoprene gloves
Acid resistant gloves
Goggles and face shield

Respiratory Equipment (Specify Type)
SCBA for fire fighting, OVR if PEL's expected to be exceeded

Eye Protection
Goggles

Protective Gloves
Rubber or Neoprene

Other Protective Clothing
No data available.

Engineering Controls (Ventilation etc.)
Local Exhaust: Sufficient if well ventilated
Special:
Mechanical (Gen): suggested
Other:

Work/Hygienic/Maintenance Practices
Formulate in explosion proof environment

SECTION 9. Physical and Chemical Properties
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Physical States: [ ] Gas, [ X ] Liquid, [ ] Solid
Boiling Point: 160.00 F
Melting Point: N.A.
Specific Gravity (Water = 1): 0.96 at 25.0 C
Density: No data.
Vapor Pressure (vs. Air or mm Hg): N.A.
Vapor Density (vs. Air = 1): 7.9 at 25.0 C
Evaporation Rate (vs Butyl Acetate=1): N.A.
Solubility in Water: No data.
Percent Volatile: N.A.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: 7.9
Appearance and Odor
Clear liquid with pungent odor.
SECTION 10. Stability and Reactivity
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability
Heat & sunlight

Incompatibility - Materials To Avoid
Oxidizing & reducing agents

Hazardous Decomposition Or Byproducts
CO, CO2

Hazardous Polymerization: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Polymerization
Will not occur

SECTION 11. Toxicological Information
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

No data available.

SECTION 12. Ecological Information
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

No data available.

SECTION 13. Disposal Considerations
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Waste Disposal Method
Dispose of according to Federal, State or local regulations.
SECTION 14. Transport Information
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

DOT Proper Shipping Name
No data available.

DOT Hazard Label: Consumer Commodity, ORM-D
UN/NA Number: No data available.

Additional Transport Information
No data available.

SECTION 15. Regulatory Information
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

No data available.

SECTION 16. Other Information
DOG-AWAY INDOOR/OUTDOOR REPEL PUMP SPRAY

Supercedes Revision 04/25/2001

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings:</th>
<th>Flammability</th>
<th>Health</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimal: 0</td>
<td>Slight: 1</td>
<td>Moderate: 2</td>
</tr>
<tr>
<td></td>
<td>Serious: 3</td>
<td>Extreme: 4</td>
<td></td>
</tr>
</tbody>
</table>

Special Hazard

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.