Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Catalog Numbers:
Product Name: Dog Shield Dog Repellent
Chemical Name: 
Manufacturer: North Safety Products
2000 Plainfield Pike
Cranston, RI 02921-2019
Tel: 401-943-4400

Emergency Telephone Number: 800-424-9300
Synonyms: HALT - Aerosol

Section 2: HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oleoresin Capsicum*</td>
<td>404-86-4</td>
<td>NE</td>
<td>NE</td>
<td>28.5</td>
<td></td>
</tr>
<tr>
<td>White Mineral Oil, Severely</td>
<td>8042-47-5</td>
<td>NE</td>
<td>NE</td>
<td>71.2</td>
<td></td>
</tr>
<tr>
<td>Hydro treated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen</td>
<td>7727-37-9</td>
<td>NE</td>
<td>NE</td>
<td>0.3</td>
<td></td>
</tr>
</tbody>
</table>

*Contains 1% Capsaicin

Section 3: PHYSICAL/Chemical CHARACTERISTICS

Appearance and Odor: Red-Brown oily liquid with extremely irritating odor and taste.
Boiling Point: 212°C
Vapor Density (AIR = 1): NE
Vapor Pressure (mm Hg): N/A
Evaporation Rate (Butyl Acetate = 1): NE
Solubility in Water: Insoluble
Specific Gravity (H₂O = 1): 0.97

Section 4: FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used): 345°F CC
Flammable Limits: N/A
LEL: N/A
UEL: N/A
Extinguishing Media: Use dry chemical, foam or carbon dioxide
Special Fire Fighting Procedures: Cool containers with water if exposed. Use positive feeding self-contained breathing apparatus as smoke is extremely pungent.
Special Fire and Explosion Hazards: Product packaged in aerosol form. Will explode under extreme heat.
Section 5: REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition or Byproducts: Fugitive fumes may be emitted when heated above 175°F.
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: N/A

Section 6: HEALTH HAZARD DATA

Route(s) of Entry: Inhalation, Skin and Ingestion.
Health Hazards (Acute and Chronic): Produces severe burning to eyes, nose, and skin.
Could cause superficial keratitis and conjunctivitis in eyes. Causes severe irritation to lungs or stomach.
Carcinogenicity: NTP: No; ARC Monographs: No; OSHA Regulated: No;
Signs and Symptoms of Exposure: Coughing, burning sensation, watering of eyes, and upset stomach.
Medical Conditions Generally Aggravated by Exposure: None Known
Emergency First Aid Procedures: Skin-flush with lots of soapy water. Eyes-flush with water. Inhalation-move to fresh air. Ingestion-dilute with fluids. Seek immediate medical attention.

Section 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in Case Material is Released or Spilled: Soak up with absorbent material. Wash with soap and water.
Waste Disposal Method: Follow current regulations. Never throw aerosol container into fire or incinerator.
Precautions to Be Taken in Handling and Storing: Aerosol containers. Do not puncture. Do not use or store near heat or open flame. Do not store at temperatures over 120°F.
Store in cool, dry place, inaccessible to children
Other Precautions: Always wash hands with soap and water after using this product, as even small amounts of the liquid can cause irritation.

Section 8: CONTROL MEASURES

Respiratory Protection (Specify Types): Organic vapor mask
Ventilation: Local Exhaust, Recommended at air-liquid interface
Protective Gloves: Viton or Nitrile
Eye Protection: Required
Other Protective Clothing or Equipment: Apron
Work/Hygienic Practices: Care should be exercised to prevent skin contact.
Reason for Issue: Update to new format
Prepared by: W. Newcomb
Date: January 19, 2001

DISCLAIMER OF WARRANTY

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