MATERIAL SAFETY DATA SHEET

COMPANY INFORMATION

UDAP INDUSTRIES INC.
P.O. Box 10808
Bozeman, MT

Date of Preparation: January 1, 2011
After Hours Telephone Number: 1-800-535-5053

PRODUCT IDENTIFICATION

PRODUCT NAME: UDAP Pepper Power Bear Deterrent
PRODUCT CLASS: Bear Attack Deterrent, Aerosol

HAZARDOUS INGREDIENTS

INGREDIENTS: TRADE SECRET: As defined in Hazard Communications Act 29 CFR
OLEORESIN CAPSICUM
DIETHYLENE GLYCOL N-BUTYL ETHER
1,1,1,2 TETRAFLUOROETHANE

OCCUPATIONAL EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>TLV</th>
<th>PEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Est.</td>
<td>Not Est.</td>
<td>-------</td>
</tr>
<tr>
<td>1000PPM</td>
<td>1000PPM</td>
<td>-------</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>Approx. 96 lbs. At 77 F (propellant)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>-26.5 C at 736mm Hg (propellant)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>1 (air=1)</td>
</tr>
<tr>
<td>% Volatile by Weight</td>
<td>Approx. 90%</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Approx. 30%</td>
</tr>
<tr>
<td>Specific Gravity (Water=1)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Odor</td>
<td>Pungent</td>
</tr>
<tr>
<td>Appearance</td>
<td>Reddish brown liquid</td>
</tr>
</tbody>
</table>

SHIPPING CLASSIFICATION - CONSUMER COMMODITY ORM-D

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>SHIPPING NAME</th>
<th>CLASS / SUB</th>
<th>UN#</th>
<th>PK/G</th>
<th>LABELS</th>
<th>PKG INST</th>
<th>PKG</th>
<th>SPEC PROV</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL AEROSOLS LIVE &amp; INERT</td>
<td>AEROSOLS NON-FLAMMABLE</td>
<td>2.2</td>
<td>1950</td>
<td></td>
<td>NON-FLAM. GAS</td>
<td>203</td>
<td>4G UN BOX</td>
<td>55 KG</td>
</tr>
</tbody>
</table>

FIRE AND SAFETY EXPLOSION HAZARD DATA

- Flammability Class OSHA: Non-Flammable
- Flash Point: not est.
- Method: not est.
- Flammable Limits in Air: Do not expose to heat or flame or store above 120°F as high internal pressures may cause cylinders to rupture.
- Fire and Explosion Hazards: This material is non-flammable. Carbon dioxide, @alcohol- foam@, dry chemical or water may be ineffective. Use water to disperse flames, and to dilute spills.
- Extinguishing Media: It is recommended that firefighter should wear NIOSH approved self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.
- Special Fire Fighting Procedures:
HEALTH HAZARD DATA

Primary Route of Entry: Dermal, Inhalation

Emergency and First Aid Procedure:
- **EYES:** Flush eyes with large quantities of water.
- **SKIN CONTACT:** Wash affected area with soap and water. Avoid transfer to more sensitive areas.
- **INHALATION:** Move subject to fresh air.
- **INGESTION:** Severe burning heartburn sensation may cause nausea.

PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

- **Eye Effects:** This product is an eye irritant. Tearing and redness may occur.
- **Skin Effects:** Skin irritant.

REACTIVE DATA

- **Stability:** Stable. Polymerization will not occur.
- **Conditions to Avoid:** Heat, open flame, welding arcs or other high temperature sources which may induce thermal decomposition.
- **Materials to Avoid:** Strong acids, alkalis, oxidizing materials, possible sodium, potassium and magnesium.

SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASE OR SPILL**

WASTE DISPOSAL
Incinerate in an approved incinerator or dispose of in accordance with Local, State and Federal Regulations.

SAFE HANDLING AND USE INFORMATION

- **Respiratory Protection:** Use NIOSH/MSHA approved Chemical/Mechanical type filter system to remove a combination of particles, gas and vapor. Use air line if necessary.
- **Ventilation:** Use adequate ventilation volume and pattern to keep PEL and TVL=s on page 1 below recommended level to produce explosion or fire. General mechanical; ventilation should comply with OSHA1910.94
- **Protective Gloves:** Use rubber gloves.
- **Eye Protection:** Safety glasses and goggles with splash guards or side shields.
- **Other Protective Equipment:** Prevent prolonged skin contact with contaminated clothing.

SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**
Store in a cool dry area away from high temperatures. When storing large quantities, store in building designed and protected against fire.
**DO NOT STORE IN DIRECT SUNLIGHT OR ABOVE 120°F**

**OTHER PRECAUTIONS:**
Do not take internally. If ingested DO NOT INDUCE VOMITING. Consult a physician.

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