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Product #: 60939

UDAP Industries Inc | Bear Deterrent

QUICK IDENTIFIER Common Name:
(used on label and list)

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:	OCCUPATIONAL EXPOSURE LIMITS:		
TRADE SECRET: As defined in Hazard Communications Act 29 CFR	TLV	PEL	OTHER
OLEORESIN CAPSICUM	Not Est.	Not Est.	-----
DIETHYLENE GLYCOL N-BUTYL ETHER	Not Est.	Not Est.	-----
1,1,1,2 TETRAFLUOROETHANE	1000PPM	1000PPM	-----

PHYSICAL DATA

Vapor Pressure:	Approx. 96 lbs. At 77 F (propellent)
Boiling Point:	-26.5 C at 736mm Hg (propellent)
Vapor Density:	>1 (air=1)
% Volatile by Weight:	Approx. 90%
Water Solubility	Approx. 30%
Specific Gravity (Water=1)	<1
Odor:	Pungent
Appearance:	Reddish brown liquid

SHIPPING CLASSIFICATION - CONSUMER COMMODITY ORM-D

PRODUCTS	SHIPPING NAME	CLASS / SUB	UN#	PK/G	LABELS	PKG INST	PKG	SPEC PROV
ALL AEROSOLS LIVE & INERT	AEROSOLS NON-FLAMMABLE	2.2	1950		NON-FLAM. GAS	203	4G UN BOX	55 KG

FIRE AND SAFETY EXPLOSION HAZARD DATA

Flammability Class OSHA:	Non-Flammable
Flash Point:	not est.
Method:	not est.
Flammable Limits in Air:	not est.
Fire and Explosion Hazards	Do not expose to heat or flame or store above 120° F as high internal pressures may cause cylinders to rupture.
Extinguishing Media:	This material is non-flammable. Carbon dioxide, @alcohol- foam@, dry chemical or water may be ineffective. Use water to disperse fumes, and to dilute spills.
Special Fire Fighting Procedures:	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.

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**

Ventilate Area. Avoid prolonged breathing of vapors. Confine spill with inert absorbers.
Wear protective equipment during clean up. Keep out of sewers, storm drains, surface water and soil.

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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