

Material Safety Data Sheet

COUNTER ASSAULT
406-257-4740 FAX:406-257-6674

120 Industrial Court
CAGE CODE: 082C9

Kalispell, MT 59901
Revised December 2008

Section I - Product Identification

PRODUCT NAME: COUNTER ASSAULT BEAR DETERRENT
PRODUCT CLASS: Aerosol
D.O.T. SHIPPING CLASS: ORM-D Consumer Commodity

Section II - Hazardous Ingredients

INGREDIENT: ACTIVE: Oleoresin Capsicum-Typically 18 to 21% Major Capsaicinoids; AOAC 995.02
INERT: DuPont 134A HFC Propellant CAS#811-97-2 (not included in Montreal Protocol)

OCCUPATIONAL EXPOSURE LIMITS:	TLV	PEL	OTHER
	Not est.	Not est.	Not est.
	50 PPM	500 PPM	75 NIOSH 10 hr TWA
	Not est.	Not est.	WEEL 1000 PPM, 8 hr TWA

OZONE DEPLETING POTENTIAL: Zero (does not contain chlorine)
GLOBAL WARMING POTENTIAL: Negligible

Section III - Physical Data

CYLINDER PRESSURE: 71 psia (70 deg F)
BOILING POINT: 44.4 deg F
VAPOR DENSITY: 3.04 (Air = 1.0)
PERCENTAGE VOLATILE BY WEIGHT: 90%
WATER SOLUBILITY: 1.2%
SPECIFIC GRAVITY: 1.12 (water = 1)
ODOR: Slight ethereal
APPEARANCE: Amber to light red

Section IV - Fire and Safety Explosion Hazard Data

FLAMMABILITY CLASS OSHA: Flammable
SHIPPING CLASSIFICATION D.O.T.: ORM-D
FLASH POINT: < - 5° F METHOD: TOC
FLAMMABLE LIMITS IN AIR: > 36 inches from source of ignition
FIRE & EXPLOSION HAZARD: Do not expose to heat or flame, or store above 120 degrees F (49 degrees C).
High internal pressures may cause cylinders to rupture.
EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding area.
SPECIAL PROCEDURES: Fire-fighter should wear self-contained breathing apparatus and full protective clothing.
Use water spray to cool nearby containers and structures exposed to fire.

Section V - Health Hazard Data

PRIMARY ROUTE OF ENTRY: Inhalation and absorption through skin and mucous membranes.
FIRST AID PROCEDURE:
EYES: Remove contact lenses. Flush eyes with large quantities of water.
Tip: Immerse face and open eyes in basin of water.
SKIN CONTACT: Wash affected area with soap and water to avoid further exposure. Rubefacient effect, especially to mucous membranes. Wash contaminated clothing before reuse. Do not apply salves or other skin dressing which may trap the pepper against the skin.
INHALATION: Inflammatory. Respiratory irritation may cause feeling of restricted airway. Move subject to fresh air as soon as possible.
INGESTION: Severe heartburn sensation may cause nausea. If irritation persists, consult a physician.

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Section VI - Physiological Effects and Health Information

EYE EFFECTS: This product is an eye irritant. Tearing and redness may occur.
SKIN EFFECTS: Excessive skin contact with the liquid may cause frostbite.

Section VII - Reactivity Data

STABILITY: Stable. Polymerization will not occur.
CONDITIONS TO AVOID: High temperature sources which may induce decomposition.
MATERIALS TO AVOID: Strong acids, alkalis, organic acid anhydrides, oxidizing materials, sodium, potassium, and magnesium.

Section VIII - Spill or Leak Procedures

IF MATERIAL IS RELEASE OR SPILLED: Ventilate Area. Remove sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbers. Wear protective equipment. Keep out of sewers, storm drains, surface water, and soil.
WASTE DISPOSAL: Dispose in accordance with Federal, State and Local regulations.

Section IX - Safe Handling and 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 in volume and pattern to keep BEL and TVLs (Section II) below recommended level to produce explosion or fire. General mechanical, ventilation should comply with OSHA 1910.94.
PROTECTIVE GLOVE: Use rubber gloves.
EYE PROTECTION: Safety glasses or goggles with splash guards or side shields.
OTHER PROTECTIVE EQUIP: Prevent prolonged skin contact to contaminated clothing.

Section X - Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool, dry area, away from sources of ignition. When storing large quantities, protect against fire.

DO NOT STORE IN DIRECT SUNLIGHT OR ABOVE 120 DEGREES F

OTHER PRECAUTIONS

Do not take internally. If ingested, DO NOT INDUCE VOMITING. Consult a physician.

THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE. HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED ARE BEYOND OUR CONTROL, WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. THIS INFORMATION SHOULD BE USED BY PERSONS HAVING SUFFICIENT SKILL TO MAKE INFORMED JUDGMENTS REGARDING ITS APPLICATION.