

# Material Safety Data Sheet

## COUNTER ASSAULT

### Revised January 2012

120 Industrial Court  
Kalispell, MT 59901  
800-695-3394  
406-257-4740 FAX:406-257-6674  
CAGE CODE: 082C9

#### Section I - Product Identification

PRODUCT NAME: COUNTER ASSAULT BEAR DETERRENT NSN 6850-01-466-6680 (230g)  
PRODUCT CLASS: Aerosol D.O.T. SHIPPING CLASS:  
DOMESTIC: ORM-D CONSUMER COMMODITY  
INTERNATIONAL: CLASS 2.1, UN 1950,  
AEROSOLS FLAMMABLE

#### 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.	
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 degrees 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.

SKIN CONTACT: Tip: Immerse face and open eyes in basin of water.  
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**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED 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 in Section above 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.

Farlig gods klassifisering:  
UN1950 Aerosols, Flammable, Class 2.1.

HTS nummer og beskrivelse:  
8308990000 Counter Assault Bear Deterrent 290 Gram.

Pepperspray og bjørnespray er IKKE giftig. Dersom du får spørsmål om pepperspray er giftig kan du svare det IKKE står en T ( for "toxic") i kolonne 3b i ADR-boka.