



Section 1: Identification

Product Identifier:

Trade name: Counter Assault Bear Deterrent

Product size: 230g (8.1 oz), 290g (10.2 oz)

Manufacturer/Supplier Information:

Bushwacker Backpack & Supply Company Inc d/b/a Counter Assault

120 Industrial Court

Kalispell MT 59901

Phone: 406-257-4740

Toll Free: 1-800-695-3394

Fax: 406-257-6674

Email: original@counterassault.com

Emergency telephone number:

Infotrac Account Number 74454

For 24 Hour Emergency call 1-800-535-5053 or +1-352-323-3500 (outside USA)

Relevant identified uses of the substance or mixture and uses advised against:

Recommended use: This product may be used only to deter bears which are attacking or appear likely to attack

Use restrictions: Not for use on humans. Do not spray this product on objects, tents or humans; such use has no deterrent effect on bears.

Do not eat or allow to be eaten with food or feed materials which may have become contaminated with this product.

Section 2: Hazard(s) Identification

Classification of the substance or mixture:

Extremely Flammable Aerosol 1 - H222

Skin Irritation 2 - H315

Eye Irritation 2 - H319

Label elements:**Signal word: DANGER****Hazard-determining components of labeling:**

Oleoresin Capsicum

Extremely Flammable

Hazard Statements:

H222 - Extremely Flammable Aerosol.

H303 - May be harmful if swallowed.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

May cause irreversible eye damage if sprayed in the eye at close range.

Contact through touching or rubbing eyes may result in substantial but temporary eye injury.

H335 - May cause respiratory irritation

Contents under pressure. Keep away from fire, sparks and heated surfaces. Do not puncture or incinerate container.

Exposure to temperatures above 130°F may cause bursting.

Keep out of the reach of children.

Precautionary Statements:**General:**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Prevention:

P210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Pressurized container: Do not pierce or burn, even after use.

P262 - Do not get in eyes, on skin, or on clothing.

Response:

P264 - Wash thoroughly with soap and water after handling

P305+P351+P335 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water. Do not apply salves or other skin dressing which may trap the pepper against the skin.;

P306+P362 - IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

P311 - Call a POISON CENTER or doctor/physician for treatment advice.

Storage:

P235+P102 - Store in a cool dry place inaccessible to children & pets.

P410+P412 - Do not store in hot vehicle or in direct sunlight. Do not store in places where the temperature is above 120°F nor below 32°F.

Disposal:

P501 - Dispose of contents/container in accordance with local, regional, national and/or international regulations.

P251 - Do not puncture or incinerate

Non-refillable Container. Do not reuse or refill this container.

If empty: Press valve to release all pressure then place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions.

NFPA ratings (scale 0 - 4)

Health=1

Fire=3

Reactivity=0

2.3 Other hazards

No additional information available.

Section 3 Composition/information on ingredients

ACTIVE:

Oleoresin Capsicum - CAS: 8023-77-6

Typically 18 to 21% Major Capsaicinoids



Skin Irritation 2, H315; Eye irritation 2, H319; STOT SE 3, H335

INERT:

DuPont 134A HFC Propellant - CAS: 811-97-2



Extremely Flammable Aerosol 1, H222

Additional Information:

Equivalent to 2.0% major capsaicinoid (MC) content.

Section 4 First Aid Measures

Description of first aid measures:**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.

Wash contaminated clothing before reused.

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.

Indication of any immediate medical attention and special treatment needed:

If medical advice is needed, have product container or label at hand.

Section 5 Firefighting Measures

FLASH POINT: <-5 F **METHOD:** TOC

FLAMMABLE LIMITS IN AIR: > 36 inches from source of ignition.

EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding area. Dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: None.

Specific hazards arising from the substance or mixture:

High internal pressures may cause cylinders to rupture. Containers may explode in the heat of a fire. Resulting smoke and fumes would be irritating to eyes and mucous membranes.

Advice for Firefighters:

Firefighters should wear self-contained breathing apparatus and full protective clothing.

Additional information:

Use water spray to cool nearby containers and structures exposed to fire.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Avoid prolonged breathing of vapors.

Environmental precautions:

Keep out of sewers, storm drains, surface water and soil.

Methods and material for containment and cleaning up:

Ventilate area. Remove sources of ignition

Confine spill with inert absorbers.

Dilute with plenty of water.

Clean the affected area carefully; suitable cleaners are: warm water and cleansing agent that cuts through oil/grease.

Section 7 Handling and Storage

Precautions for safe handling:

Keep away from heat and direct sunlight.

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

Information about fire and explosion protection:

Extremely flammable.

Contents under pressure.

Keep away from fire, sparks and heated surfaces.

Do not puncture or incinerate container, even after use.

Conditions for safe storage, including any incompatibilities:**Storage:**

Store in a cool dry place inaccessible to children and pets.

Store away from sources of ignition.

When storing large quantities, protect against fire.

Incompatible materials or ignition sources:

Do not store in places where the temperature is above 120°F nor below 32°F.

Do not store in hot vehicle or in direct sunlight.

Section 8 Exposure Controls/Personal Protection

Control Parameters:

TLV
Time: Not established
Short Term: Not established
Ceiling: 50 PPM Not established

PEL
Time weighted average - 500 PPM - Not established

OTHER
75 NIOSH 10 hr TWA
WEEL 1000 PPM 8 hr TWA

Pictograms:**Exposure controls:****General Protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work
Avoid contact with the eyes and skin.

Respiratory Protection:

Use NIOSH/MSHA approved Chemical/Mechanical type filter system to remove a combination of particles, gas and vapo
Use airline if necessary.

Ventilation:

Use adequate ventilation in volume and pattern to keep BEL and TVLs 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 Equipment:

Prevent prolonged skin contact to contaminated clothing.

Section 9 Physical and Chemical Properties

Information on basic physical and chemical properties:**General Information:**

Appearance:

Form:	Aerosol
Color:	Amber to light red
Odor:	Slight ethereal
Odor threshold:	Not determined
pH:	Not determined
Melting point:	Not determined
Freezing point:	Not determined
Boiling Point:	44.4°F
Flash Point:	< - 5°F
Evaporation Rate:	90%
Flammability:	Flammable
Upper/Lower Flammability:	> 120°F
Cylinder Pressure:	71 psia (70°F)
Vapor Density:	3.04 (Air = 1.0)
Relative Density/Specific Gravity:	1.12 (water = 1)
Water Solubility:	1.2%
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Product is not self igniting
Decomposition temperature:	Not determined
Viscosity:	Not determined

Section 10 Stability and Reactivity

Reactivity:

No dangerous reaction known under conditions of normal use.

Chemical Stability:

Stable under normal temperatures and pressures.

Polymerization will not occur.

Possibility of hazardous reactions:

Danger of receptacles bursting because of high vapor pressure when heated.

Reacts with strong acids, alkalis, organic acid anhydrides, oxidizing materials, sodium, potassium and magnesium.

Conditions to Avoid:

High temperature sources which may induce decomposition.

Incompatible Materials:

No further relevant information available.

Hazardous decomposition products:

High temperature sources which may induce decomposition.

Section 11 Toxicological information

Acute Toxicity:

N/A

Skin Corrosion/Irritation:

Irritant to skin and mucous membranes.

Serious Eye Damage/Irritation:

Irritating effect. May cause irreversible eye damage if sprayed in the eye at close range.

Respiratory or Skin Sensitization:

Sensitizing effect by skin contact is possible by prolonged exposure.

Germ Cell Mutagenicity:

N/A

Carcinogenicity:

N/A

Reproductive Toxicity:

N/A

STOT-single exposure:

N/A

STOT-repeated exposure:

N/A

Aspiration Hazard:

N/A

Section 12 Ecological information

Toxicity:

Aquatic toxicity: No further relevant information available.

Persistence and degradability: biodegradable

Bioaccumulative potential: Does not accumulate in organisms

Mobility in soil: No further relevant information available.

Other adverse effects:

Ozone depleting potential: Zero (does not contain chlorine)

Global warming potential: Negligible

Section 13 Disposal Considerations

Dispose in accordance with Federal, State and Local regulations.

Do not puncture or incinerate!

Non-Refillable Container. Do not reuse or refill this container.

If empty: Press valve to release all pressure then place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions.

Section 14 Transportation Information

UN-Number: DOT, ADR, IMDG, IATA

UN 1950

UN Proper Shipping Name: DOT, IMDG, IATA

Aerosols, Flammable

Transport hazard class(es): DOT



Class 2.1

Label 2.1

Packing group: N/A

Environmental Hazards: No

Special precautions for user: Danger: Flammable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

UN "Model Regulation": UN1950, Aerosols Flammable, 2.1

Section 15 Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

United States (USA)

SARA

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

None of the ingredients is listed.

Proposition 65 (California):

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenic Categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Canada

Canadian Domestic Substances List (DSL)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

Chemical Safety Assessment:

A Chemical Safety Assessment has not been carried out.

Disclaimer/Statement of Liability:

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