

Prepared according to 29CFR 1910.1200, Regulation (EC) No. 1272/2008 (GHS) and Canadian Controlled Products Act (CPR)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ben's® Clothing and Gear 6oz Continuous Spray
SDS Date: February 22, 2019
SDS Revision No.: 4
USE: A pressurized aerosol insecticide for controlling insects and ticks
EPA Reg. No.: 1021-1746-56575
MANUFACTURER: Tender Corporation
ADDRESS: 944 Industrial Park Rd
 Littleton, NH 03561
INFORMATION CALLS: 800-258-4696
CUSTOMER SERVICE: cs@tendercorp.com
TECHNICAL QUESTIONS: regulatory@tendercorp.com
FAX PHONE: 603-444-6735
EMERGENCY PHONE: Veolia(spills):(800) 354-2382
 Medical: Tender Corporation (800) 258-4696

HMIS Hazard Rating
 HEALTH 2
 FLAMMABILITY 2
 REACTIVITY 1
 PERSONAL PROTECTION X

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Liquid Spray with Petroleum Odor, Flammable
CAUTION: Contents under pressure. Do not store near heat, open flame or any other ignition source. **Do not expose to temperatures above 130°F (54.4°C)**, as bursting may occur. Avoid contact with skin, eyes, do not inhale vapors or apply to clothes while wearing.
DO NOT puncture or incinerate container. Follow the "Directions for Use" on the label very carefully.

HAZARD CLASSIFICATION: This material is considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200)

Acute Toxicity – Inhalation (Dust/Mists)	Category 4
Skin Corrosion/Irritation	Category 2
Skin Sensitization	Category 1
Gases under Pressure	Compressed Gas

GHS Label elements, including precautionary statements

Pictogram


 Signal word: **WARNING**
Hazard statements

H315 Causes skin irritation
 H332 Harmful if inhaled
 H317 May cause an allergic skin reaction
 H400 Very Toxic to aquatic life
 H410 Very toxic to aquatic life with long lasting side effects
 H280 Contains gas under pressure; may explode if heated

Precautionary statements- Prevention

P251 Pressurized container: do not pierce or burn even after use
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 P271 Use only outdoors or in a well-ventilated area
 P272 Contaminated work clothing should not be allowed out of the workplace
 P280 Wear protective gloves
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Precautionary statements – Response:

P321 Specific treatment (see Section 4/First Aid)
 P302+P352 IF ON SKIN: Wash with plenty of soap and water
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention
 P363 Wash contaminated clothing before reuse
 P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing

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 P312 Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary statements – Storage
 P403+P233 Store in a well ventilated place. Keep container tightly closed

Precautionary statements – Disposal
 P501 Dispose of contents/container to an approved waste disposal point

ROUTES OF EXPOSURE: Dermal, oral

POTENTIAL HEALTH EFFECTS

INHALATION: May cause irritation to lungs

SKIN CONTACT: Do not use over cuts, wounds or irritated skin
 Pre-existing skin disorders may be aggravated by exposure

EYE CONTACT: Prolonged contact may cause irritation, with redness, pain, tearing, blurred vision and conjunctivitis.

INGESTION: May be harmful if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Conc. (%)	CAS NO	EINECS NO.	Classification
Permethrin	.5	52645-53-1	258-067-9	None
Petroleum distillates	5-10	64742-47-8	268-149-8	None
Liquefied petroleum gas	<15	68476-86-8	270-705-8	None

Comments: Ingredients not identified are proprietary or non-hazardous.
 See Section 8 – "EXPOSURE CONTROLS/PERSONAL PROTECTION" for exposure guidelines

SECTION 4: FIRST AID MEASURES

INHALATION: Remove affected perspn to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

CONTACT WITH SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

CONTACT WITH EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, IMMEDIATELY call poison control center or doctor for treatment advice. DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by poison control center or doctor. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN: For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

SECTION 5: FIRE-FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES: This aerosol is NOT classified as FLAMMABLE by the flame extension test method described in 16 CFR 1500.45.

Flash Point: Not applicable

Flammable Limits: Not applicable

EXTINGUISHING MEDIA: Foam
 Carbon dioxide
 Dry Chemical

SPECIFIC HAZARDS: No Information Available

PROTECT EQUIPMENT FOR FIREFIGHTERS: In the event of fire and/or explosion, do not breathe fumes

SENSITIVITY TO IMPACT: Forceful impacts can cause damage to aerosol unit and may cause a bursting or explosion hazard.

FURTHER INFORMATION: Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations

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SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent. Use the Personal Protective Equipment recommended in Section 8 of this SDS. Review Section 7 (Handling) of this SDS before proceeding with cleanup.

ENVIRONMENTAL PRECAUTIONS: Do not contaminate water by disposal of wastes

METHOD FOR CONTAINMENT AND CLEAN-UP:

Prevent product from entering drains and ventilation systems. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered labeled containers for disposal. Large Spills: Dike spill product to prevent runoff. Recover contaminated water for appropriate disposal. Report spills to local health, safety and environmental authorities, as required.

SECTION 7: HANDLING AND STORAGE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL: Do not use or store near heat, sparks, open flame, or any other ignition sources.

HANDLING: Contents under pressure – **DO NOT** puncture of incinerate container. Do not use or store near heat, sparks, open flame, or any other ignition sources. Take prudent precautions to avoid contact with skin and eyes. Do not inhale. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, food, or feedstuffs by storage, handling, or disposal. Read and observe all precautions and instructions on the label. Read entire label before using.

STORAGE: Store containers upright and closed. Store in areas that are cool, dry, and well-ventilated. Exposure to temperatures at or above 130°F (54.4°C) may cause bursting. Keep away from heat, open flame any ignition sources, and strong oxidizers. Emptied containers may retain product residues. **DO NOT** puncture or incinerate container.

KEEP OUT OF THE REACH OF CHILDREN

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Eyes & Face: Take prudent precautions to avoid contact with eyes and skin.

EXPOSURE GUIDELINES: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

INGREDIENT:	CAS NO.	%	Exposure Limits		
			Supplier OEL	ACGIH TLV	OSHA PEL
Permethrin	52645-53-1	0.5	10 mg/m ³	None	None
Petroleum distillates	64742-47-8	5-10	525 mg/m ³	200 mg/m ³ (skin)	2 mg/m ³
Liquefied petroleum gas	68476-86-8	<15	None	1000ppm 1800mg/m ³	500ppm 1800mg/m ³

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	<i>Liquefied gases and milky white liquid</i>
ODOR:	<i>Petroleum distillates</i>
pH:	<i>6.8 (Note: pH measurement is for aerosol contents less the compressed gas propellant (i.e., Non-Volatiles)).</i>
FREEZING POINT:	<i>Not available</i>
SPECIFIC GRAVITY (H₂O = 1) @25°C:	<i>0.975 (Note: Specific Gravity is for aerosol contents less the compressed gas propellant (i.e., Non-Volatiles)).</i>
VAPOR PRESSURE (mmHg) @ °C:	<i>Not applicable</i>
VAPOR DENSITY (AIR = 1):	<i>Heavier than air</i>
FLASH POINT:	<i>>93.3°C / >200°F</i>
SOLUBILITY IN WATER:	<i>Partially miscible in water (Note: Water solubility analysis is for aerosol contents less the compressed gas propellant (i.e., Non-Volatiles)).</i>
VISCOSITY:	<i>4.5 CPS @ 23° C on Non-Volatiles</i>
VOLATILE ORGANIC COMPOUNDS (VOC):	<i>Less than 14 %</i>

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	<i>Stable</i>
CONDITIONS TO AVOID:	<i>Extreme temperatures</i>
INCOMPATIBILITY (MATERIAL TO AVOID):	<i>Not compatible with strong acid or bases. Not compatible with oxidizing agents.</i>
HAZARDOUS POLYMERIZATION:	<i>No</i>

SECTION 11: TOXICOLOGICAL INFORMATION

The preparation has not been tested for all toxicological effects; some are classified on the basis of the known hazards of the components.

Acute oral toxicity:	LD50 – <i>Greater than 5000mg/kg Notes: Albino rats</i>
Acute inhalation toxicity:	LC50 – <i>The acute inhalation LC₅₀ of this material places it in EPA Toxic Category IV.</i>
Acute dermal toxicity:	LD50 – <i>Greater than 5000mg/kg Notes: Albino rats</i>
Irritant effect on skin:	<i>Moderate irritation at 72 hours. Produced a primary skin irritation index of 3.7</i>
Irritant effect on eyes:	<i>Conjunctival irritation clearing by 48 hours</i>
Sensitization:	<i>Positive</i>
Mutagenicity:	<i>Not determined</i>
Carcinogenicity/Reproductive toxicity:	<i>None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as being carcinogens.</i>

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SECTION 12: ECOLOGICAL INFORMATION

General Comments: *Environmental data not available for this product. This section is not required by WHMIS.*

Ectoxicological Information *This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the high-water mark. Do not contaminate water by disposing of equipment was water.*

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: *IF EMPTY: Place in trash or offer for recycling if available
IF PARTLY FULL: Call your local solid waste agency for disposal instructions*

US: *None of the ingredients in this product appear on the RCRA lists (Resource Conservation Recovery Act Regulations 40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substances list (40CFR302 Table 302.4)*

SECTION 14: TRANSPORT INFORMATION
SHIPPING INFORMATION:

Regulation	UN No.	Proper Shipping Name	Class	Package Group	Additional Information
U.S. Department of Transportation (DOT)	UN1950	Aerosols, non-flammable	2.2	—	Consumer Commodity/ Limited Qty Not exceeding 1L ORM-D
International Air Transport Assoc. (IATA)	UN1950	Aerosols, non-flammable	2.2	—	Not regulated

The transportation regulations are cited according to international regulations and in the form applicable to the United States and Canada. Possible national deviations in other countries are not considered.

SECTION 15: REGULATORY INFORMATION
U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): *All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements*

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): *There are no components that are subject to emergency requirements under CERCLA Section 1039a0(40CFR 302.4) in this formulation.*

CERCLA HAZARDOUS SUBSTANCE: *None*

CERCLA REPORTABLE QUANTITY: *None*

RCRA 261 (RESOURCE CONSERVATION RECOVERY ACT): *This product is not defined as a hazardous solid waste..*

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) FIRE: *No* **PRESSURE GENERATING:** *Yes*

REACTIVITY: *No* **ACUTE:** *YES*

Section 302 Extremely Hazardous Substances (TPQ): *There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40CFR 355)*

311/312 HAZARD CLASS: *None*

313 REPORTABLE INGREDIENTS: *This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits*

U.S. STATE REGULATIONS:

California Proposition 65 Warning: *None*

States Right to Know: *Volatile Organic Compounds (VOC); This product contains less than 14%*

SECTION 16: OTHER INFORMATION

HMIS		
Health: 2	Flammability: 2	Reactivity: 1
Special: None		

4=extreme 3=High 2=Moderate 1=Slight 0=Insignificant

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REVISED SECTIONS OR REASON FOR REVISION:

ORIGIN DATE: NOVEMBER 16, 2010

1-(DECEMBER 15, 2015) – FORMATTING CHANGES

2-(FEBRUARY 5, 2016) ADDRESS CHANGE, FOOTER CORRECTION

3 – (MAY 25, 2016) FORMATTING CHANGES

4 – (FEBRUARY 22, 2019) UPDATED HAZARD CLASSIFICATION

DISCLAIMER: *The information provided herein was believed to be accurate, to the best knowledge of Tender Corporation, at the time of preparation from a compilation of sources believed to be reliable and is furnished without warranty, expressed or implied. It is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling, storage and use of this product and to determine the suitability of the product for its intended use. This data sheet relates only to the specific product listed and does not relate to use in combination or in any process with other materials*