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Product Name: Buzz Off Insect Shield Insect Repellent Apparel

Version Date: July 7, 2003

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**MATERIAL SAFETY DATA SHEET**

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**SECTION 1. Chemical Product and Company Identification**

**Product Name:** Buzz Off Insect Shield Insect Repellent Apparel

Chemical Name: mixture; active ingredient, permethrin

EPA Registration No: 74843-2

**MANUFACTURER:** Buzz Off Insect Shield, LLC  
701 Green Valley Road, Suite 302  
Greensboro, NC 27408

Product information telephone number: 336 379 8059

Emergency Telephone Number: CHEMTREC 800 424-9300

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**SECTION 2. Hazardous Ingredients/Identity Information**

<u>Component</u>	<u>CAS No.</u>	<u>%</u>
Permethrin	52645-53-1	0.52%

No relevant exposure limits.

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**SECTION 3. Physical/Chemical Characteristics**

Boiling Point:	NA	Specific gravity:	NA
Vapor Pressure:	None	Melting Point:	NA
Vapor Density:	None	Evaporation Point:	NA
Solubility in water:	Insoluble		
Appearance and odor:	Solid garment with no particular odor except as related to the specific fabric		

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**SECTION 4. Fire and Explosion Hazard Data**

Flash Point: NA

Flammable Limits: NA

Extinguishing Media: carbon dioxide, dry chemical, foam or water

Special fire fighting procedures: none

Unusual fire and explosion hazards: none

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**SECTION 5. Reactivity Data**

Stability: stable

Incompatibility: none known

Hazardous polymerization: will not occur

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**SECTION 6. Health Hazard Data**

Route of entry: skin contact

Health Hazards:

Acute oral LD50	> 5000
Acute dermal LD50	> 5000
Acute inhalation LC50	> 2 mg/L
Eye irritation	None
Skin irritation	None
Dermal sensitization	Not a sensitizer

Delayed/long term effects

None known

Medical conditions aggravated by exposure:

None known

Emergency and First Aid Procedures:

Treat symptomatically.

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**SECTION 7. Precautions for Safe Handling and Use**

Steps to be taken in case material is released or spilled:

Not applicable

Waste disposal method

Dispose of in trash

Precautions to be taken in handling and storage

Do not contaminate water, food or feed by storage or disposal

Other precautions:

NA

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**SECTION 8. Control Measures**

Respiratory Protection: NA

Ventilation: NA

Protective gloves: not required

Eye protection: not required

Other protective clothing or equipment: not required

Work/Hygiene practices: none required

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**SECTION 9. Other**

NA = not applicable

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