



By  Burlington®

## What is No Fly Zone®?

A permethrin-based technology that may help prevent the spread of insect born diseases by repelling insects through apparel, uniforms, or gear.

## What is Permethrin?

A man-made insecticide, effective against multiple species of crawling and flying insects.

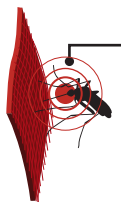
Registered with the EPA as an insect repellent on apparel.

Durable  
Through

70  
Wash Cycles

## How It Works

Works as a contact repellent that produces the knockdown effect on insects.



The insect's nervous system is affected upon contact with fabric.



The insect flies away without biting.

## Effective Against



MOSQUITOS



TICKS



ANTS



CHIGGERS



FLIES



MIDGES

## Production Process



Advantages of applying permethrin onto fabric before it's cut into a garment:

## Technology Advantages



US EPA registered and military tested.



Can be matrixed with other technologies.



Consistently and uniformly applied across the fabric for unprecedented durability.



Reduces Lead Time by eliminating 3-6 weeks of garment application.

# FIGHT THE BITE!

## EPA Toxicity Categories for Consumer Labeling

The U.S. Environmental Protection Agency (EPA) issues a consumer labeling category rating for all products that are registered. Some of your common household products require danger, warning, or caution labels. No Fly Zone® products do not require any of these warning labels.

### TOXICITY LABELING REQUIREMENTS

CATEGORY I High Toxicity	CATEGORY II Moderate Toxicity	CATEGORY III Low Toxicity	CATEGORY IV Very Low Toxicity
<b>DANGER</b> Hairspray Bleach	<b>WARNING</b> Laundry Detergent Window Cleaners	<b>CAUTION</b> Sunscreen Tick Repellent Spray Insect Repellent for Kids	<b>NONE REQUIRED</b> No Fly Zone® Insect Repellent

### Exposure Risks

The EPA uses a calculated value known as “Margin of Exposure” (MOE) to determine exposure risk.

**MOE GREATER THAN 100  
IS OF NO CONCERN.**

**Dangerous MOE :** 100 or less

**MOE for No Fly Zone® :** 26,000

### EPA Registration Requirements

- Each manufacturing site must be registered with the EPA. Burlington Raeford, Burlington Finishing, Casimires, Carlisle, and Jiaying Burlington (China) – **ICAMA (EPA) facilities are all registered.**
- For each EPA garment registration, customers are obligated to put Burlington’s hangtag and EPA registration information on the garment.
- All cut and sew facilities must be registered.
- Permethrin treated fabrics and garments require EPA and state registration.



Repellents are an important tool to assist people in protecting themselves from malaria, dengue fever, yellow fever, typhus, Lyme disease, West Nile, and many other insect borne diseases.



For the general public, the Center for Disease Control and Prevention (CDC) recommends the use of permethrin treated clothing when traveling to areas where they will be exposed to disease carrying insects.



The Center for Disease Control acknowledges that “Certain products which contain permethrin are recommended for use on clothing, shoes, bed nets, and camping gear and are registered with the EPA for this use.” \*

\* [www.medscape.com/viewarticle/438257](http://www.medscape.com/viewarticle/438257), April 26, 2006