



# ANTI-INSECT ADDITIVE by BIORISM™

Anti-Insect Cosmetics with UV protection

## PRODUCT FACT SHEET

### PRODUCT DESCRIPTION:

ANTI-INSECT ADDITIVE by BIORISM™, Particles loaded IR3535®, is an innovative formulation developed in Europe by certified laboratories. It is a product which combines biochemistry & nanotechnology.

The repellent used is biocompatible and classified by EPA (Environmental Protection Agency, USA) with the lowest degree of toxicity (grade IV) in all categories and proven to be harmless to mammals.

It provides durable insect repellent properties to common surfaces in homes, offices and public spaces against mosquitoes and flying or crawling insects without changing the properties of the places where the product is applied.

Enhances the durability of the active substances on the materials. Protects active substances from environmental degradation.

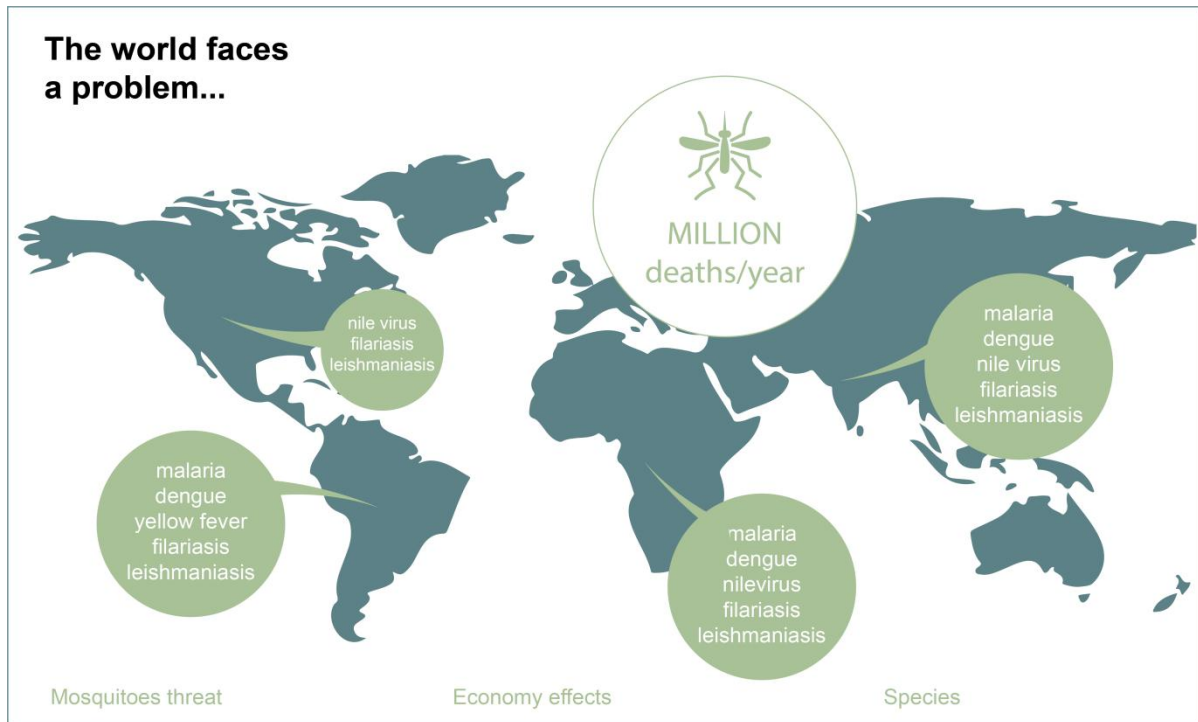
NOTE: **Nanotechnology** is science, engineering, and technology conducted at the nanoscale, which is about 1 to 100 nanometers. Nanoscience and nanotechnology are the study and application of extremely small things and can be used across all the other science fields, such as chemistry, biology, physics, materials science, and engineering." - [NANO.GOV](http://NANO.GOV)



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### Mosquitoes

- **Anopheles**  
→ Transmission of **malaria** (*Anopheles gambiae*)
- **Aedes and Albopictus**  
→ Transmission of **dengue** and **yellow fever** (*Aedes aegypti*)



### Thicks and Chiggers

- **Ixodes and Amblyomma spp.**  
→ Known as vectors of tick-borne diseases, like **Lyme disease**, **ehrlichiosis**, **tularemia**



### Biting Flies

- Like deer, black and stable flies – Capable of transmitting diseases like **fly fever**, **bartonellosis** and **leischmaniasis**



### Head Lice

- Cause intense **itching** and **irritation**, **allergies** and **infections**



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### IR3535® BENEFITS:

- 100% DEET FREE
- Recommended by WHO
- Lasting insect repellency against mosquitoes and flying or crawling insects
- Shields you without harming your health or the environment
- Safe repellent with excellent toxicological
- Nothing absorbs into the bloodstream
- No Skin irritation
- No odor
- No side effects
- Safe for human & pets

### HOW CAN ANTI-INSECT ADDITIVE BENEFIT YOUR BRAND?

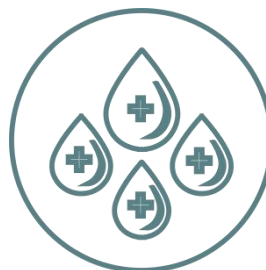
- Get an advantage over competitive brands with this special add-on feature in your product.
- Your product becomes associated with health benefits and not just functional.
- Widen your appeal to capture health and wellness-conscious customers.
- Beyond its proven efficacy, IR3535® has an excellent safety profile.
- Protection that extends from day to night.

### APPLICATIONS:



#### DOMESTIC USE

- Spray
- Wipes
- Additive
- Lotion/Cream
- Textile softener



#### PROFESSIONAL USE

- Additive
- Textile finishing
- Spray



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### ANTI-INSECT ADDITIVE KEY INGREDIENTS: (INFUSED using NANOTECHNOLOGY)

<b>IR3535®</b>	<b>Eusolex®</b>	<b>Glycerin</b>
Insect Repellents with IR3535® effectively keep pests like mosquitoes, flies, ticks, and lice at bay, lessening the exposure to insect-borne diseases like Zika, Malaria or Dengue fever.	Eusolex is <b>the trade name of a number of UV absorbers.</b>	Glycerin (Glycerin is a humectant, a type of moisturizing agent that pulls water into the outer layer of your skin from deeper levels of your skin and the air.
In a claim approved by the EPA: "IR3535® is inspired from a naturally occurring amino acid" $\beta$ -alanine, which enables the repellent ingredient to boast a fantastic safety record.	UVA and UVB filters and UV-TITAN mineral UV filters used as care-free sun protection.	In skin care products, glycerin is commonly used with occlusives, another type of moisturizing agent, to trap the moisture it draws into the skin).
Insect Repellents with IR3535® effectively keep pests like mosquitoes, flies, ticks, and lice at bay, lessening the exposure to insect-borne diseases like Zika, Malaria or Dengue fever.		
IR3535® is valued for being gentle on human and pet's skin. Not toxic to aquatic organisms, such as fish or algae, and does not accumulate in the environment.		



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### FAQ:

1. Can I use Anti-Insect Repellent with IR3535® on my baby?

The IR3535® molecule was inspired by a naturally occurring amino acid, making it highly tolerable for humans, animals, and the environment. That's why IR3535® boasts an excellent safety record, enabling insect repellent formulations for safe use on everyone, including infants and pregnant women.

2. Can I use Anti-Insect Repellent with IR3535® to prevent head lice?

IR3535® is a reliable and highly tolerable active substance in repellents used to prevent lice infestations. The tolerance levels were excellent. None of the respondents reported irritation, redness, or itching during the time of the test.

3. How does the Anti-Insect Repellent with IR3535® work (mode of action)?

Insects use natural odors to navigate. There are various substances in nature which provide signals to insects. For example, there are substances which help male mosquitoes find females or guide females to a host where they can feed on blood.

4. Is the Anti-Insect Repellent with IR3535® safe?

IR3535® only issues messages to insects. When used on human skin or textiles, it is not capable of killing insects. In addition, IR3535® is gentle on the skin and scores highly in terms of safety. This has been confirmed by the [World Health Organization](#) (WHO), the [American Environmental protection Agency](#) (EPA), and many other international authorities.

For further details:

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