



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 08, 2025

SENT BY EMAIL

Dana S. Lateulere
dlateulere@actagroup.com
LIVFUL INC.

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Revision to add marketing claims to the pesticide product, Akiva and including the trade name of the active ingredient, IR3535.
Product Name: Akiva Insect Repellent
Admin Number: 92224-1
EPA Receipt Date: 11/18/2025
Action Case Number: 00676401

Dear Dana S. Lateulere:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Shanda Bennett via email at bennett.shanda@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "James Parker". The script is elegant and cursive, with the first letters of "James" and "Parker" being capitalized and prominent.

James Parker, Biologist
BPB, BPPD
Office of Pesticide Programs

Akiva® Insect Repellent

NOTIFICATION

92224-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/08/2025

INSECT REPELLENT

{ABNs: Akiva®; Akiva® Anti-Mosquito Lotion;
Akiva® Anti-Mosquito Lotion with STAYTEC™; Akiva® Insect Repellent with STAYTEC™}

{Select Marketing Claims and Graphics from the "Marketing Claims" and "Graphics" sections below}

Active Ingredient:

3-[N-Butyl-N-acetyl]-aminopropionic acid ethyl ester (CAS No. 52304-36-6) 20%

Other Ingredients 80%

Total 100%

Keep Out of Reach of Children

CAUTION

See back panel for First Aid and additional Precautionary Statements

[See box for First Aid, additional Precautionary Statements and complete Directions for Use]

Net Contents: _____ fl oz

EPA Reg. No. 92224-R EPA Est. 88600-FL-1

{Back Panel}

First Aid

If in Eyes:	<ul style="list-style-type: none">• 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.
[If Swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor for treatment advice.• Have person sip a glass of water if able to swallow.• Do not give anything by mouth to an unconscious person.• Do not induce vomiting unless told to do so by a poison control center or doctor.]
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call the poison control center at 1-800-222-1222. For general information regarding this product contact the National Pesticide Information Center ("NPIC") at 1-800-858-7378, Monday through Friday, 8 am to 12 pm PST, or at http://npic.orst.edu .	

{Note: The grid format for the First Aid statements will be used if market label space permits; otherwise, a paragraph format will be used.}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Thoroughly wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Physical or Chemical Hazards

The active ingredient ~~in~~ may cause marring of costume jewelry, leather, nail polish, painted or varnished surfaces, plastics and synthetic fibers.

DIRECTIONS FOR USE

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

Read and follow all Directions and Precautions on this Product Label.

For only external use. [Shake well before use.] Apply liberally and evenly over dry, exposed skin. Reapply after 3 hours for continued protection from mosquitoes. Reapply after swimming or showering. May be used on children over two-months old.

Storage and Disposal

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

Pesticide Storage: Store in original container in a cool, dry area inaccessible to children and pets. Keep out of direct sunlight. **Pesticide Disposal and Container Handling:** Nonrefillable container; do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partially filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

{Batch Code/Lot Number will appear either on the label or the container per PR Notice 2007-4.}

{Marketing Claims}

3-Hour Protection [suitable] for [all age groups] [your] [the]-[whole] [the entire] family]

3-Hour Protection

Akiva is the next generation of repellents.

Akiva Insect Repellent's active ingredient is [IR3535®] a synthetic derivative of the amino acid Beta Alanine.

Akiva Insect Repellent is a hypoallergenic*, 3-hour mosquito repellent.

Akiva Insect Repellent is a hypoallergenic* repellent that prevents mosquito bites for [up to] 3 hours.

Akiva's active ingredient [IR3535®] is inspired from a naturally occurring amino acid

An anti-mosquito lotion developed to give your family 3 hours of protection while being gentle for the skin.

Akiva is what separates the mosquitoes from people

[Accurate] [Convenient] [Easy] [Effortless] [Simple] [Smooth][Quick] {for} [application] [coverage] [to apply] [to carry] [to pack] [to use]

[Active] [adventure] [explorer] [forest] [trail] [sport] [sportsman] [woods] [edition [version]]

Anti-mosquito lotion

Apply [and] [N'] go

Apply [repellent] and get [your] [the] adventure started

Bad for mosquitoes

Beat mosquito bites before they happen

Best friend protection, personal body guard [-] [Skin will thank you]

[Block[s]] the bites

[Buh-] [Say] [Good] bye [bye] [to] mosquitoes

[Is] Colorless on your skin

[Campsite] [protection] [coverage]

Can be [used daily,] [used every day,] [while [camping] [hiking] [and] [traveling]].

Comfortable

Complete protection against mosquitoes for [up to] 3 hours.

Confuses [Repels] mosquitoes[.] [Not][not] people.

Convenient

[Does not] [Harmless] harm [for] mosquitoes

Does not kill, only repels [mosquitoes]

[Dependable] [effective] [complete] [backyard] [camping] [efficacy] [for [up to] 3 hours]

Designed for Controlled-release [Control-release]

Designed to evaporate slowly

Designed to reduce absorption on the skin

Designed to slow evaporation of the active ingredient from the skin.

Dries fast

Dry protection [for the [whole] [entire] family]

Easy-to-apply

Easy [-to-use] [on you]

Effective [maximum] [proven] [strong] protection

Effective wherever you go

Enhanced Insect Repellent with STAYTEC™

Enjoy the [backyard] [forest] [great outdoors] [outside] [park] [woods] with protection [from] [against] mosquitoes [for the [entire] [whole] family] [for 3 hours]

Enjoy your vacation

Family-friendly

Fast- [Quick-]dry[ing]

[Feel] [Feels] [Is] {insert touch/feel descriptor} [on] [on your skin]

Feel the difference

{insert touch/feel descriptor} [feel] [touch] [formula] [protection] [skin feel]

Repellent that leaves your skin feeling {insert touch/feed descriptor}

{Touch/feel descriptors:

[clean] [clear] [comfortable] [[fast] [quick] [dries] [to] [dry[ing]]] [scentless] [fresh] [good] [floral][greaseless]
[invisible] [light] [light weight] [not sticky] [not wet] [no odor] [non-greasy] [non-oily] [non-tacky][soft] [smells]
[discreet] [odorless] [pleasant] [touchable]

[Feel- Good] [Forest] [Family] [Formula] [Hiking] [Instant] [Immediate] [Light][feel] [Lightweight] [Hard-working]
[Mosquito] [On the Go] [Outdoor] [Picnic] [Powerful] [Proven] [Quick] [Repellent] [Strong] [Weightless]
[Woods] Protection [against] [from] mosquitoes [for the [entire] [whole] [your] [family]]

Fend off mosquitoes

Fewer applications

Fight the bite

[Fits] [carry] anywhere

[Fits] [carry] everywhere

For children 2 months+

For everyone [the whole family]

For three [3] hours

For use [at] [home] [country clubs] [and] [farms] [or] [on the go]

Formulated with long-lasting repellent technology [STAYTEC™]

Formulated with [feel] [dry] technology

Fragrance free

[Fresh] [Floral] Scent

[Friend to people] [Friendly to humans] [-] [An enemy to mosquitoes.]

Happy people

Hello [fun] [outdoors]

[Helps to] [reduce exposure to] [repel] mosquitoes [that can [carry] [transmit] vector-borne diseases such as
[Chikungunya] [fever], [Dengue fever,] [Encephalitis,] [Malaria,] [West Nile Virus] [and] [Zika Virus]

Here's an idea[.][-] How about we annoy the mosquitoes instead?

Human friendly

Hypoallergenic*

Gentle for the skin

[Great] [Ideal] [Developed][Designed] for [back packers] [bikers] [campers] [camping] [fisherman] [golfers] [hikers]
[hunters] [joggers] [and] [active] [moments] [outdoor enthusiasts] [for 3 hours]

Guard [from] [against] mosquitoes for the [entire] [whole] [your] family [for 3 hours]

Ideal for those who dislike strong repellent odor

[IR3535® Active] [IR3535® Active Ingredient] IR3535® Active Substance] [IR3535® Biopesticide] [IR3535®
Ingredient]

Invisible [Barrier] [on skin after it dries]
Keep mosquitoes away [so you can play] [where they belong]
Know more
Lab tested
Light [invisible] [pleasant] feel
Lightweight
Live your life to the fullest potential!
LivFul is proud to offer a mosquito repellent that is skin-friendly, easy-to-use and effective.
Made in [America] [USA]
Made to [guard] [protect] [repel] against mosquitoes
Made to bother mosquitoes[,] [not your family]
[Makes you invisible to] [Masks odors that attract] mosquitoes
Meets airline carry-on size requirements
Mosquitoes avoid it.
Mosquito defense
Next generation repellent
[No odor] [,] [No grease] [,] [No worries] [Yes please]
Non-greasy [Non-oily]
Not oily [greasy] [sticky] [wet]
Patented timed [controlled]-release technology
People love [us] [it] Mosquitoes hate [us] [it]
Perfect for [hunters] [, travelers] and outdoor sportsmen [sports]
Performance [Repellent] for the [entire] [whole] family
pH-balanced
Pleasant {or other appropriate descriptor} Scent
Powerful Protection [for Your Family] [for everyone]
Protect [yourself] [and] [your loved ones] [, and go] [from mosquitoes] [that may
carry] [that can transmit] [diseases like] [Chikungunya, Dengue fever, Encephalitis, Malaria, West Nile Virus
and Zika Virus]
Protecting what's precious
[Protection] [Repellent] [without the ick] [that feels good] [you can count on] [for 3 hours]
Proven protection
[Relax and rely on {insert brand name} [IR3535® Active] [IR3535® Active Ingredient] [IR3535® Active. Substance]
[IR3535® Biopesticide] [IR3535® Ingredient] [IR3535® Repellent] [IR3535® Mosquitoes Repellent] protection
from [mosquito bites] [mosquitoes.] [For] [Up To] [3-hour(s)] [protection]
Repels *Aedes*, *Anopheles* and *Culex* mosquitoes
Repels mosquitoes for [up to] 3 hours on exposed skin surfaces.
Repels [the] mosquitoes that may carry [transmit] [diseases such as] Chikungunya, Dengue fever, Encephalitis,
Malaria, West Nile Virus and Zika Virus
[Repellent] Formulated [as an odorless body application] with [IR3535® Active] [IR3535® Active Ingredient] [IR3535®
Active Substance] [IR3535® Biopesticide] [IR3535® Ingredient] [IR3535® Repellent] [to be used on exposed
skin of] [outdoor] [industrial] workers] [tough on mosquitoes]
Repel and moisturize [,refresh]
Revolutionary repellent
Rich emollient formula
Contain moisturizing [and] [&] skin conditioning ingredients
Say hello to Akiva
[The] Shareable solution
Skin friendly
Slow evaporation
Smitten not bitten

Soft touch

[Smart] [Shield] [Defense] [Performance] for the [whole] [entire] family.

Splash [sweat] [water]-resistant

Tear here

Toss in your [beach] [bag] [,] [backpack] [,] [briefcase] [,] [car] [,] [desk] [,] [gym bag] [,] [purse]

Touchable

Container size meets TSA-compliance

[TSA] [Airplane] approved size

Unparalleled protection

Unsurpassed safety profile

Up to 3 hours [hrs]

Use with confidence

Use when traveling [in tropical countries] to protect from mosquitoes that may [carry] [transmit] the vector diseases
Chikungunya, Dengue fever, Encephalitis, Malaria, West Nile Virus and Zika Virus]be carried by
mosquitoes.

[Value] [Bargain] [Bonus] [Carry-On] [Club] [Combo] [Convenient] [Double] [Economy] [Large[r]] [Mega] [Multi] [On
the Go] [Pocket] [TSA approved size] Size

[Value] [Two] [Twin] [2] [Three] [3] [Travel] [Triple] [Value] [-] Pack

Versatile mosquito protection [anytime] [anywhere]

Water-based formula

We are the people-friendly, mosquito[es]-enemy people

We love people not mosquitoes

[Wipe] [Rub] [Apply] it [on] when attending [concerts] [,] [and] [sports events] [,] [fishing] [,] [hunting] [,] [hiking] [,]
[enjoying your yard] [,] [mowing the lawn] [,] [having parties] [,] [and] [during social events] [and] [for] [all your
outdoors activities]

You will forget you are wearing it

You're now free to live, work and play without the fear of mosquito bites.

*This product contains low levels of cetyl alcohol. Trace amounts of allergens exist in the fragrance. However, test results by an independent label show that these trace amounts are insignificant.

{End of Marketing Claims}

{Graphics}

akiva®



akiva®
Anti-Mosquito Lotion



Developed and Made in the USA



{End of Graphics}

Manufactured by [for]: [Distributed [Sold] by:]
LivFul, Inc.
6845 Shiloh Road East, Suite D7
Alpharetta, GA 30005

Akiva® – Registered trademark of LivFul Inc.
STAYTEC™ – Trademark of LivFul Inc.

[] Denotes alternate/optional language

{ } Denotes language that does not appear on the market labeling