

May 16, 2016

MosquitoPaQ™ LLC a division of Penta5 USA LLC
Mosquito Repellent Lotions-DEET Free all Natural Ingredients

The chemicals present in mosquito repellents are many with varying degrees of toxicity. While generally safe for adults, the long-term effects have not been well-documented and many are not recommended for pregnant women or children.

A lengthy list of common chemicals in mosquito repellents include: DEET (n-n-diethylnetatoluamide), Picaridin, KBR3023, IR3535 (ethyl butylacetylaminopropionate) ethyl hexanediol, diethyl phthalate, diethyl carbate, and metofluthrin. IR3535 seems to be relatively safe but is not nearly as effective as DEET and there is some question as to safety to children. IR3535 is not recommended for pregnant women and even a more natural product 'Oil of Lemon Eucalyptus' is no longer recommended for pregnant women.

MosquitoPaQ™ LLC uses only those natural ingredients approved by the EPA in the minimum risk category for repellents. MosquitoPaQ™ LLC **active ingredients** include **Soy Bean Oil, Citronella, Pepper Mint, and Thyme**. Equally important to the fact that these are natural, non-toxic ingredients is that the ANYTIME formula exceeds DEET in repellency. Independent testing at Florida State University over 5 time periods to 6 hours demonstrated that the average for all five periods showed repellency of 94.54 % for the MosquitoPaQ™ LLC ANYTIME™ lotion compared to 86.52 % for DEET. At the 6-hour time period the MosquitoPaQ™ LLC ANYTIME™ lotion was 96.8 % effective compared to DEET at 87.1 %. Hence, Penta5 Anytime Lotion, a natural, **non-toxic** repellent lotion, exceeds DEET in repellency.

These tests were carried out in a more rigorous environment than a natural environment in that the mosquitoes were confined in small 2 inch chambers with a blood meal present. While at 6-hours in these chambers 96.8% did not seek blood, field research over the past 3 years has shown 100% repellency well beyond this 6 hour period in trying environments like the Cagayan Valley in the Philippines where workers were 100% protected to 10 hours.

Dr. John Harlin

Director, R&D

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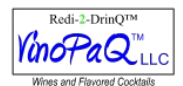
The Conner Laboratory Complex, MS-L6
Pesticide Registration Section, Room 601
3125 Conner Boulevard Building 6
Tallahassee, FL 32399-1650



Property Division



Shantou Foodtech Sales



Wines and Flavored Cocktails



Spirits and Redi-2-DrinQ™ Cocktails



www.freshfromflorida.com

Item Description: Pesticide Product Brand Registration(s)
Company ID: M0377001
Business Name: MOSQUITOPAQ, LLC.
Division/Subsidiary/Parent Company: NONE
Business Mailing Address: 1712 NORTHGATE BLVD.
City: SARASOTA
State or Province: FL
Postal Code: 34234
Country: US
Product Brand Name: MOSQUITOPAQ, LLC NO-BITE OUTDOOR ZONE
PRODUCTS/ MOSQUITOPAQ, LLC NO-BITE ANYTIME LOTION
EPA/Florida Number: exempt
Contact Name: SANDRA L MURRAY
Contact Phone: 941-359-6678
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Confirmation Number: 506560

MosquitoPaQ™ LLC is a minimum risk pest control product and qualifies for exemption from EPA registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

