

### Bio-Repellent Scientific Industries

The Ultimate Pest Control Solutions

Battle-Tested Worldwide | 100% Non-Toxic Ingredients | EPA-Registered Products

#### **Green Technology Merges With Pest Control**



"I'm an expert on green technology. I'm made from 100% organic material, I'm completely biodegradable, and I've been recycled into a second marriage."

#### **Bio-Repellent Scientific Industries**

- <u>Richard Numata</u>: Founder, President & CEO of <u>PiGNX Inc.</u> dba <u>Bio-Repellent Scientific Industries</u> – <u>California-Certified Pest Control Instructor</u>
- **Steven Nakamoto**: Independent Business Advisor
- <u>Chris Acosta</u>: Pest Control Professional 30 years experience

 Send technical questions to Richard Numata at: <u>richardnumata@gmail.com</u>

#### **Important Disclaimer**

- This presentation is for general educational purposes.
- This is <u>not</u> a replacement formal instructions.
- Proper caution and detailed instructions are required for <u>safe</u> & <u>effective application</u>.
- At this time, only Richard Numata is <u>certified</u> and <u>authorized</u> to make statements regarding formal training, product details, performance history, and company policies.
- This presentation is copywritten by Bio-Repellent Scientific Industries and is for private use only.

#### **Revolutionary Industry-Disruptive Products**

"DeTour Gel and PiGNX can revolutionize
the entire pest control industry by creating a
new technology that effectively solves a
massive worldwide problem without any
negative environmental side-effects."

Richard Numata

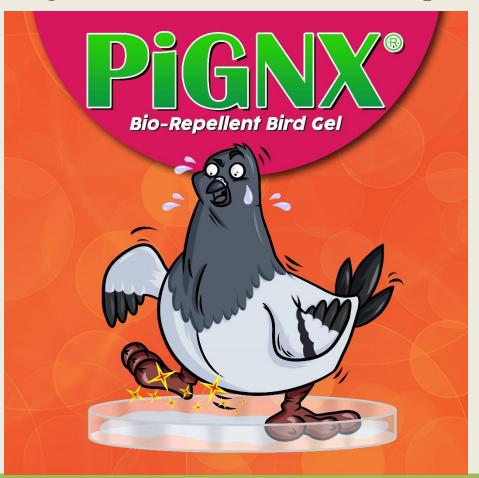
#### **Introductory Video**

#### **Introducing DeTour Gel Video:**

https://youtu.be/y1h1tdj9xGo

# PiGNX®

The Only EPA-Registered & NSF-Certified Bio-Repellent Gel for Birds



#### EPA-REGISTRATION #84418-1



- The EPA is recognized worldwide for its <u>high</u> <u>standards</u> for product quality, effectiveness, and safety.
- EPA Storage & Stability

  Tests show that the active ingredient (capsaicin) in PiGNX becomes stronger with age in its patented mineral oil gel.

#### U.S.-PATENTED DELIVERY SYSTEM



- **PiGNX** is made from a state-of-the-art, non-toxic, thickened food-grade mineral oil. (U.S.-Patented Gel Formula)
- **PiGNX** will not melt, drip or freeze.
- PiGNX on a person's skin cleans up easily with soap and water or common handwipes.

#### **NSF-CERTIFICATION #147505**



- NSF has a high level of governmental & regulatory acceptance worldwide.
- **PiGNX** is **NSF-Certified** for use in sensitive areas such as supermarkets, hospitals, restaurants, food preparation, food storage areas, and convenience stores.
- **PiGNX** is non-toxic to birds, animals, humans and the environment.

#### **Capsaicin Drives Pests Crazy!**

- Capsaicin stimulates the neural sensors in the tongue and skin of problem birds and animals.
- In ways that aren't completely understood, capsaicin stimulates both the **temperature** and **pain** receptors in a pest.
- It simultaneously tells the brain that the subject is experiencing an <u>increase in temperature</u> as well as a <u>sharp rise in pain</u>. (irritating tingling sensation)
- PiGNX uses only <u>organic</u>, pharmaceutical-grade
   capsaicin a key <u>requirement</u> for EPA-Approval

#### How Do PiGNX & DeTour Gel Work?

- Birds and mammals are sensitive to both heat (fire) and pain (tingling sensations).
- Many experts believe that the exposure to capsaicin confuses the animal and makes them feel like they are being exposed to a fire.
- The animal's <u>flight response</u> tells it to run away from the area, seeking the safest & quickest route possible.
- Animals "escape from the burning building."
- Birds simply "fly away from the burning building."

#### **PiGNX** Application Video

#### **PiGNX Application Video:**

https://tinyurl.com/y99usk43

#### **Simple Application Equipment**

- **PiGNX** can be purchased in either 10-ounce tubes or 5-Gallon Buckets.
- Application equipment for tubes is a standard caulking gun.
- Wear gloves, goggles & protective clothing



### Also Available in 5-Gallon Buckets

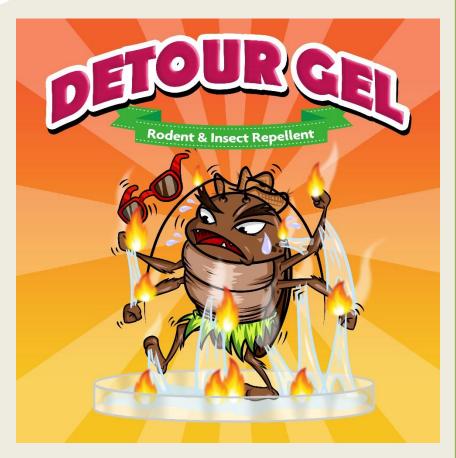






#### **DeTour Gel Barrier Sealant**





#### **Experts Know That DeTour Gel Works!**

#### **Expert Chris Acosta on DeTour Gel & PiGNX:**

https://tinyurl.com/ycw9bzab

#### Rodents Spread DeTour Gel To Hidden Areas

- **DeTour Gel** is the first rodent control product that <u>uses the rodent itself</u> as part of the delivery system, carrying the product back to hidden nesting and harborage sites.
- Thus, **DeTour Gel** can access areas that <u>other</u> methods simply <u>cannot reach</u>.
- A <u>single</u> rodent can affect several other rodents at the same time and cause them <u>all</u> to escape an area quickly in <u>mass numbers</u>.

#### **Use DeTour Gel + Trapping Equipment**

- Rodents "escape from the burning building"
- They follow their normal urine and odor trails. (Remember the Nursery Rhyme: Three Blind Mice)
- Set trap equipment before applying DeTour Gel
  - Place traps and glue boards along the normal escape routes
  - Get <u>immediate reactions</u> from exposed rodents
- After DeTour Gel is applied
  - Trap counts typically <u>increase</u> in numbers.
  - Work the building "inside out."
  - Treat entry points last.

#### **DeTour Gel Makes Traps More Effective!**

- Our experience has been that rodents <u>do not</u> normally run around wildly about a building after being exposed to **DeTour Gel**.
- Rodents do show "stressed out" behavior as well as "flight response."
- As previously mentioned, they use their normal routes but have lost their normal <u>trap-shy</u> tendencies
- Thus, with **DeTour Gel** rodents become more <u>vulnerable</u> to traps in the process.

#### **DeTour Gel Barrier Sealant Details**

- DeTour Gel Barrier Sealant is the <u>identical formula</u>
   as our EPA-Registered PiGNX Bio-Repellent Bird
   Gel and DeTour Gel for Rats (Pending EPA Approval)
- Detour Gel Barrier Sealant makes no specific pesticidal claims. It only claims to be a barrier sealant.
- **DeTour Gel Barrier Sealant** has been shown to effectively "seal out" common pests such as rats, mice, squirrels, ants, scorpions, raccoons, mongoose, snakes, cockroaches, bed bugs as industry expert, Chris Acosta, says, "almost anything that walks or crawls!"

#### **New Products For 2019**

- Later in 2019, we anticipate EPA-Approval for our new capsaicin-based version of the product titled:
   DeTour Gel For Rats (the only EPA-registered & NSF-certified rat pesticide gel in the world)
- Both DeTour Gel Barrier Sealant & PiGNX Bio-Repellent Bird Gel are available in "Ready-to-Use" clear plastic dishes for added convenience.
- These plastic dishes come <u>pre-filled</u> with our patented gel formula. All you have to do is remove the dish lid, apply <u>common silicone adhesive</u> (or duct tape) and place the gel dishes in targeted areas.

#### DeTour Gel Cockroach Dishes Hawaii/Japan



#### How is DeTour Gel Applied?

- *Interior* Apply **DeTour Gel Barrier Sealant** to any areas where rodent droppings are found or where rodents are currently active.
  - Rubs, runways, food sources, pipe chases, wall voids, holes, ceilings or any areas where rodents may come in contact with the product.
- *Exterior* DeTour Gel Barrier Sealant may be used to replace rodent baits in bait stations along the exterior of buildings.
  - It may also be used as a barrier placed in contact with the structure.
  - Use a bead of **DeTour Gel Barrier Sealant** to prevent rodent entry at any potential entry point.

#### **Chris Acosta On Restaurant Applications**

## Restaurant/Food Service Application for Rodents & Cockroaches:

https://tinyurl.com/y8gup6c6

#### Where You Can Apply DeTour Gel

- Kitchens
- Food storage areas
- Behind fixtures
- Along pipes & air ducts
- Underneath or Behind Cabinets
- Ceilings
- Attic Spaces
- Behind Kitchen Equipment
- Under Kitchen Equipment
- Inside voids/chases in walls, floors or ceilings
- Areas where you see feces, urine trails and rub marks

- Under Grocery Store Gondolas
- Create rodent "Exclusion Zones"
- Move Rodents to "Kill Zone"
- Move Rodents Out of Building
- Inject directly into wall voids
- Around the base of trees
- Rodent Burrows
- Exterior perimeter
- Potential entry points
- In areas where rodents travel
- Use **DeTour Gel** to cut off rodents from their food source

#### **More Application Ideas**







- •Inside a bait station
- •Inside PVC pipe
- Inside downspout sections
- •On mylar or plastic tape
- On plastic sheeting
- •On petri dishes or soft drink lids

#### **Application Warning**

**PiGNX & DeTour Gel** will not poison a person, but can cause irritation to the skin and eyes. Caution must be taken to keep the product away from the skin, hands & eyes of both the applicator and clients. Wear gloves, goggles and protective clothing. **Keep out of reach of children!** 



#### **Important Clean-Up Details**

- PiGNX Bio-Repellent Bird Gel & DeTour Gel Barrier Sealant can be easily removed and cleaned from treated surfaces if necessary.
- PiGNX Bio-Repellent Bird Gel & DeTour Gel Barrier Sealant cleans up with soap and water.
  - First remove the bulk of the product with a putty knife and clean the residue with the soap and water.
- Tools can be easily cleaned after application.

#### Other Pest Control Problems Solved!

#### What Professionals Use DeTour Gel For

- Sparrows
- Starlings
- Swallows
- Woodpeckers
- Squirrels
- Gophers
- Ground Squirrels

- Bats
- Scorpions
- Ants
- Cockroaches
- Wild Hogs
- Skunks
- Meadow Voles

#### **Global Warming & Global Contamination**

While "global warming" has drawn massive attention as the major environmental issue of our time, "global contamination & 2<sup>nd</sup> generation poisoning" may soon be recognized as its equal in the years ahead."

Richard Numata

#### VIDEO LINKS

- Introducing DeTour Gel <a href="https://youtu.be/y1h1tdj9xGo">https://youtu.be/y1h1tdj9xGo</a>
- PiGNX Bio-Repellent Bird Gel Applications <a href="https://tinyurl.com/y99usk43">https://tinyurl.com/y99usk43</a>
- Expert Chris Acosta on DeTour Gel & PiGNX https://tinyurl.com/ycw9bzab
- Restaurant Application Rodents & Cockroaches <a href="https://tinyurl.com/y8gup6c6">https://tinyurl.com/y8gup6c6</a>