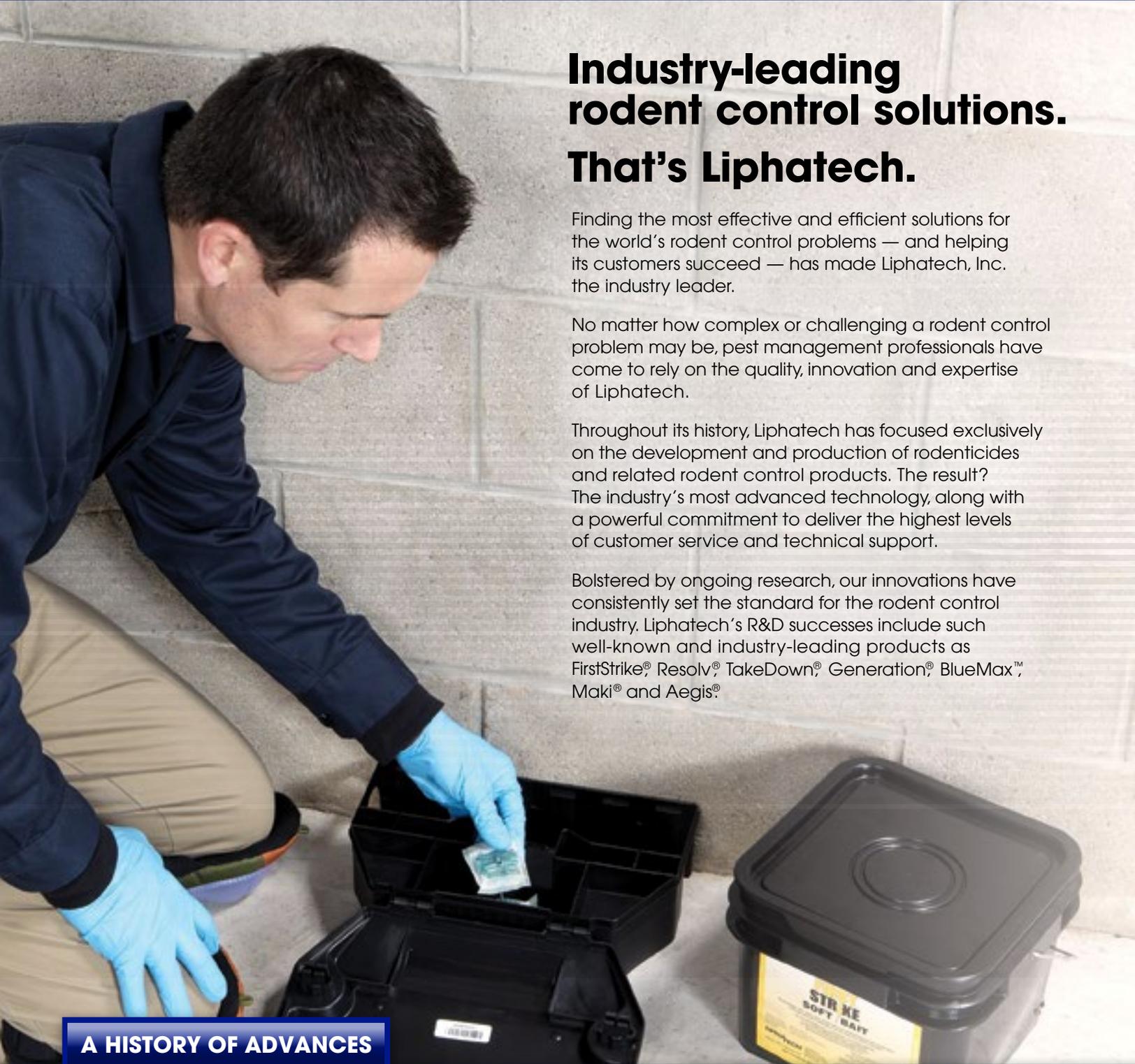


TECHNOLOGY. PRODUCTS. PEOPLE.





Industry-leading rodent control solutions. That's Liphatech.

Finding the most effective and efficient solutions for the world's rodent control problems — and helping its customers succeed — has made Liphatech, Inc. the industry leader.

No matter how complex or challenging a rodent control problem may be, pest management professionals have come to rely on the quality, innovation and expertise of Liphatech.

Throughout its history, Liphatech has focused exclusively on the development and production of rodenticides and related rodent control products. The result? The industry's most advanced technology, along with a powerful commitment to deliver the highest levels of customer service and technical support.

Bolstered by ongoing research, our innovations have consistently set the standard for the rodent control industry. Liphatech's R&D successes include such well-known and industry-leading products as FirstStrike®, Resolv®, TakeDown®, Generation®, BlueMax™, Maki® and Aegis®.

A HISTORY OF ADVANCES

1967

Chlorophacinone
Active ingredient in our first multi-feed anticoagulant known as **Rozol**®, invented by Liphatech.

1976

Bromadiolone
Our original second-generation anticoagulant rodenticide, later branded under the **Maki**® name, invented by Liphatech.

1988

Difethialone
Second-generation anticoagulant invented by and exclusive to Liphatech.

1995

Generation®
The active ingredient difethialone is combined with whole grains for palatability.

2000

Aegis® Bait Stations
The industry's most effective and fast-to-service rodent bait station line.

2001

Aegis® Modular System
The option of using rodenticides, snap traps or glue boards in one complete for control of rodents.

2004

Aegis®-RP Bait Station
Multiple uses, flexible mounting options and unmatched effectiveness in one complete quick-to-service package.

Product Guide

Rodenticides & Bait Stations



Our products meet stringent requirements and go through a rigorous quality control process.



We are committed to ensuring each block, pouch, pellet and station meets the highest quality levels.



Our R&D investments guarantee we are on the cutting edge of innovation.



We invented difethialone, the active ingredient in FirstStrike®, Generation® and BlueMax™ baits.

Our Pest Management Mission

Liphatech creates successful partnerships with Pest Management Professionals by offering innovative rodent control products.

We strive to consistently provide outstanding and fast customer service to assist PMPs in improving the quality of human life.

We have innovation down to a science.

It all began in 1946 when Liphatech's original parent company began as a pharmaceutical company in France. Through the 1960s and 70s, Liphatech's research led to the development of two anticoagulants, chlorophacinone and bromadiolone.

The innovations continued at the state-of-the-art U.S. facility, which opened in 1987. Ongoing research there and in Europe resulted in the discovery of difethialone, another second-generation anticoagulant.

Since 2002, Liphatech has been a proud member of the De Sangosse group, a world-wide leader in manufacturing and distributing agrosupplies and pest control products. By providing global support, we are able to serve the pest control industry — whether you're a large or small-size business. And just as you'd expect from a global leader, Liphatech continues to invest substantial resources to research and develop the rodent control products of the future.

2005

BlueMax™
A maintenance block offering mold protection and durability.

2008

FirstStrike®
Revolutionizes rodenticide technology as the first wax-free soft bait.

2010

SecurePoint™ Technology
Available in Aegis mouse stations to hold bait securely in station.

2010

Aegis®-RP Anchor Station pre-assembled to a durable concrete base – eliminating hardware and labor costs.

2012

Resolv®
A wax-free soft bait for budget-minded accounts.

2014

SoftSecure™ Technology
Rodenticide placement device specially designed for soft bait and faster servicing.

2016

TakeDown®
The first bromethalin soft bait for the PMP market.

FIRST STRIKE



RESOLV



TAKE DOWN



generation



FirstStrike®	Resolv®	TakeDown®	Generation®
<p>Active Ingredient: Difethialone (Liphatech exclusive)</p> <ul style="list-style-type: none"> • Second-generation anticoagulant; vitamin K₁ is the antidote • Formulated at 25 ppm • 0.2 oz. is LD₅₀ for an adult rat, 0.01 oz. for an adult mouse 	<p>Active Ingredient: Bromadiolone</p> <ul style="list-style-type: none"> • Second-generation anticoagulant; vitamin K₁ is the antidote • Formulated at 50 ppm • 0.25 oz. is LD₅₀ for an adult rat, 0.02 oz. for an adult mouse 	<p>Active Ingredient: Bromethalin</p> <ul style="list-style-type: none"> • Acute neurotoxin; no antidote • Formulated at 100 ppm 	<p>Active Ingredient: Difethialone (Liphatech exclusive)</p> <ul style="list-style-type: none"> • Second-generation anticoagulant; vitamin K₁ is the antidote • Formulated at 25 ppm • 0.2 oz. is LD₅₀ for an adult rat, 0.01 oz. for an adult mouse
<p>Best Use:</p> <p>Ideal for combating lingering rodents, tough infestations or even for everyday use</p>	<p>Best Use:</p> <p>Good choice for the budget-minded PMP faced with moderate rodent infestations</p>	<p>Best Use:</p> <p>Easy-to-use soft bait for combating large infestations and anticoagulant-resistant populations</p>	<p>Best Use:</p> <p>Versatile formulations for multiple situations</p>
<p>Bait Formulations:</p> <p>Soft Bait</p> <ul style="list-style-type: none"> • Flexible dosing through single or multiple pouch placements according to label directions • Can be secured in a tamper-resistant bait station • 10g pouch <ul style="list-style-type: none"> – 726 pouches per 16 lb. pail – 363 pouches per 8 lb. pail (case of 2) – 181 pouches per 4 lb. bag (case of 4) • 40g pouch <ul style="list-style-type: none"> – 182 pouches per 16 lb. pail – Includes 5 SSTs 	<p>Bait Formulations:</p> <p>Soft Bait</p> <ul style="list-style-type: none"> • Offers flexible dosing through single or multiple pouch placements according to label directions • Can be secured in a tamper-resistant bait station • 12g pouch <ul style="list-style-type: none"> – 604 pouches per 16 lb. pail – 151 pouches per 4 lb. bag (case of 4) • 40g pouch <ul style="list-style-type: none"> – 182 pouches per 16 lb. pail – Includes 5 SSTs 	<p>Bait Formulations:</p> <p>Soft Bait</p> <ul style="list-style-type: none"> • Offers flexible dosing through single or multiple pouch placements according to label directions • Can be secured in a tamper-resistant bait station • 8g pouch <ul style="list-style-type: none"> – 227 pouches per 4 lb. bag 	<p>Bait Formulations:</p> <p>Mini Blocks</p> <ul style="list-style-type: none"> • 20g blocks <ul style="list-style-type: none"> – 363 blocks per 16 lb. pail – 90 blocks per 4 lb. bag (case of 4) • Designed with multiple edges for gnawing • Can be secured in a tamper-resistant bait station <p>Bulk Paraffinized Pellets</p> <ul style="list-style-type: none"> • 20 lb. pails • Pellet shape mimics seeds in rodents' environment • Added paraffin provides moisture tolerance • Labeled for burrow baiting <p>Paraffinized Pellet Place Packs</p> <ul style="list-style-type: none"> • 25g pellet place packs <ul style="list-style-type: none"> – 100-pack pails • Good for hard-to-reach baiting locations • Added paraffin provides moisture tolerance • Special place pack film keeps pellets fresh until consumed by rodents
<p>Special Features:</p> <ul style="list-style-type: none"> • Bittering agent added • Wax-free bait won't melt • Formula is palatable to rats and mice • Easily identify if rats or mice are eating the bait based on feeding patterns • Product label allows removal of paper to place bait directly onto feeding device 	<p>Special Features:</p> <ul style="list-style-type: none"> • Bittering agent added • Wax-free bait won't melt • Formula is palatable to rats and mice • Easily identify if rats or mice are eating the bait based on feeding patterns • Different flavor profile from FirstStrike • Bait is made without nuts or seeds to reduce debris and service time • Product label allows removal of paper to place bait directly onto feeding device 	<p>Special Features:</p> <ul style="list-style-type: none"> • Wax-free bait won't melt • Formula is palatable to rats and mice • Faster than anticoagulant rodenticides • Different flavor profile from FirstStrike and Resolv • Product label allows removal of paper to place bait directly onto feeding device 	<p>Special Features:</p> <ul style="list-style-type: none"> • Contains whole grains and seeds that appeal toward natural feeding preference for mice

Rodenticide Products

BlueMax™



**RAT & MOUSE
ATTRACTANT™**



NoTox



BlueMax™	Maki®	Rat & Mouse Attractant™	NoTox™
<p>Active Ingredient: Difethialone (Liphatech exclusive)</p> <ul style="list-style-type: none"> • Second-generation anticoagulant; vitamin K₁ is the antidote • Formulated at 25 ppm • 0.2 oz. is LD₅₀ for an adult rat, 0.01 oz. for an adult mouse 	<p>Active Ingredient: Bromadiolone</p> <ul style="list-style-type: none"> • Second-generation anticoagulant; vitamin K₁ is the antidote • 0.25 oz. is LD₅₀ for an adult rat, 0.03 oz. for an adult mouse 	<p>Active Ingredient: NONE</p>	<p>Active Ingredient: NONE</p>
<p>Best Use:</p> <p>Excellent for moist and humid conditions, or a good solution for food processing and commercial accounts</p>	<p>Best Use:</p> <p>Versatile bait with paraffinized formulations for moist or humid conditions</p>	<p>Best Use:</p> <p>Non-toxic soft bait for monitoring rodent activity in and around transport vehicles, homes and industrial, commercial, agricultural or public buildings</p>	<p>Best Use:</p> <p>Non-toxic bait for monitoring rodent activity in and around transport vehicles, homes and industrial, commercial, agricultural or public buildings</p>
<p>Bait Formulations:</p> <p>Mini Blocks</p> <ul style="list-style-type: none"> • 20g blocks <ul style="list-style-type: none"> – 363 blocks per 16 lb. pail • Designed with multiple gnawing edges • Can be secured in a tamper-resistant bait station <p>Bulk Meal</p> <ul style="list-style-type: none"> • 18 lb. pail • Allows PMP to decide application amount within label directions • Labeled for Norway rat burrow baiting 	<p>Bait Formulations:</p> <p>Mini Blocks</p> <ul style="list-style-type: none"> • 1 oz. blocks <ul style="list-style-type: none"> – 256 blocks per 16 lb. pail – 128 blocks per 8 lb. pail (case of 2) • Designed with multiple gnawing edges • Can be secured in a tamper-resistant bait station <p>Paraffinized Blocks</p> <ul style="list-style-type: none"> • 1 lb. blocks <ul style="list-style-type: none"> – Case of 20 – Easily divided into 2, 4, 6, or 8 oz. portions • Ideal for sewer baiting <p>Paraffinized Bulk Pellets</p> <ul style="list-style-type: none"> • 20 lb. pail • Labeled for burrow baiting • Appeals to a rodent's natural seed-eating behavior • Pellet shape mimics seeds in rodents' environment <p>Paraffinized Pellet Place Packs</p> <ul style="list-style-type: none"> • 1.5 oz. packs <ul style="list-style-type: none"> – 75 packs per pail (case of 4) • Good for hard-to-reach baiting locations • Special place pack film keeps pellets fresh until consumed by rodents 	<p>Bait Formulations:</p> <p>Soft Bait</p> <ul style="list-style-type: none"> • 10g pouch <ul style="list-style-type: none"> – 45 pouches per bag; 8 bags per 8 lb. pail 	<p>Bait Formulations:</p> <p>Mini Blocks</p> <ul style="list-style-type: none"> • 20g blocks <ul style="list-style-type: none"> – 227 blocks per 10 lb. pail (case of 4) • Inspect bait regularly and replace with toxic bait or traps if signs of rodent activity appear
<p>Special Features:</p> <ul style="list-style-type: none"> • Blue marker dye can be seen in droppings • Contains paraffin and mold inhibitors • Use as maintenance bait for audited accounts 	<p>Special Features:</p> <ul style="list-style-type: none"> • Added paraffin provides moisture tolerance • Made with whole grains and peanut flavor 	<p>Special Features:</p> <ul style="list-style-type: none"> • Based on the FirstStrike bait matrix • Wax-free bait won't melt • Use as an attractant on snap traps • Remove from pouch for flexible application 	<p>Special Features:</p> <ul style="list-style-type: none"> • Red dye is highly visible in rodent droppings • Smaller blocks for less bait waste and lower cost-per-placement • Triangle shape aids in bait identification • Based on the same formula as Maki mini blocks



Aegis[®] Bait Stations

All bait stations may look the same, but the Aegis[®] family of products proves they don't all perform the same. Unique features make Aegis stations quick and easy to service. By providing high quality at a competitive price, Aegis stations let you get in, get out and get on with servicing your customers.



One Key— One universal key opens all Aegis stations



Savings— No assembly time means more servicing time



Longevity— Strong mechanical hinges on most stations secure lid and operate even in extreme cold



Encouragement— See-through design improves rodent entry



Less Travel— A shorter distance between the rodent and the bait means success



Accessible— RP and modular stations open away from the wall, so you don't have to fight against the lid

Aegis[®] Mouse

- Available in solid black for indoor/outdoor use, or with clear lid for at-a-glance indoor inspection
- Twice the capacity of most mouse stations; fits two blocks or soft bait pouches
- SecurePoint™ Technology holds bait tight
- Anchoring holes for securing the station to floors, walls or pipes

Bait Station Products



Aegis®-RP

- Available in black or gray
- Use with snap traps or rodenticide
- Lid opens away from wall
- Compact size
- Install either horizontally or vertically
- See-through entry design lures rodents



Aegis®-RP Anchor

- Available in black or gray
- Pre-assembled station bolted to building-grade concrete block
- Great looking professional design
- Install either horizontally or vertically



Aegis® Modular

- Available in black
- Use with bait, traps or glue boards
- Heavy duty station for monitoring, baiting or trapping
- Use vertical or horizontal bait rods for block or soft bait; remove rods to hold pellets or meal bait



Aegis® Rat

- Available in white (cool box), solid black or black with clear lid for at-a-glance inspection
- Double-tunnel design for improved bait consumption
- Bait trays for quick and easy clean-out
- Unique patented, double-quartered locking bars make station tamper-resistant



SoftSecure™ Technology

- Rodenticide placement device eliminates bait rod hassles
- Fits most bait stations; designed for Aegis® stations
- Raises bait above station floor, keeping it dry
- Just place the bait, close the lid and go; rodents eat bait between the bars
- Works with soft bait and block bait
- Available for purchase in cases of 12; 5 SSTs come with 16 lb. pails of FirstStrike® or Resolv®

Product Guide

Rodenticides & Bait Stations



Conduct a thorough inspection to locate rodent nests, feeding sites, runways and entry points.



Liphatech products are designed to meet the wide variety of situations faced by rodent control professionals.



Work smarter. Take advantage of technology, such as Aegis® bar coding, to expedite service.

Call it technical support.

Or call it a team of industry experts.

No matter how complex or challenging your rodent control problem, count on Liphatech for the right solution.

At Liphatech, we are known for our advanced chemistry, biology and technology. But our technical support is every bit as advanced. That's why Liphatech has assembled the industry's most experienced and knowledgeable sales force. They are all highly trained and qualified to help you solve your toughest rodent control problems.

Whether you need hands-on guidance for a specific rodent control issue or have a simple question, we're always here with accurate answers to the technical issues you face every day. Additionally, Liphatech can provide specialized training and technical materials.

With the full support of Liphatech, you can serve your customers more effectively.

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Web: liphatech.com

Liphatech is proud to support several industry associations, including:



— GROUPE DE SANGOSSE

For additional information, call **888-331-7900** or visit **liphatech.com**