Biosecurity Rodent Control
Product Guide

LIPHA TECH®
Advanced technology. Effective control.

Prevent Diseases

Reduce building repair costs

Lower feed costs
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, animal producers 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 well-known and industry-leading products as FastDraw®, Revolver™, BootHill®, Hombre™, Gunslinger®, and Aegis®.
Our products meet stringent requirements and go through a rigorous quality control process.

Every employee ensures each block, pouch, pellet and station meets the highest quality levels.

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

One of our recent innovations is FastDraw® soft bait, revolutionizing rodent control.

Our Animal Health Mission

Liphatech creates successful partnerships with animal producers by offering superior and innovative rodent control products.

We strive to consistently provide outstanding and fast customer service to assist integrators in improving the quality of biosecurity programs and animal welfare.

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 respectively.

The innovations continued at the state-of-the-art Milwaukee facility, which opened in 1987. Ongoing research there, and in Europe, resulted in the discovery of difethialone, the industry’s most advanced single-feed 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 rodent 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.

2000
Aegis® Bait Stations The industry’s most durable and fast-to-service rodent bait station line.

2004
Aegis®-RP Bait Station Multiple uses, flexible mounting options and unmatched effectiveness in one complete quick-to-service package.

2010
FastDraw® The agricultural industries trusted no-wax soft bait rodenticide, providing fast and effective results.

2010
SecurePoint™ Technology Available in Aegis mouse stations – holds soft bait securely in station.

2012
Revolver™ The most advanced bromadiolone rodenticide in the agricultural industry, formulated as soft bait.
## Biosecurity Rodenticides

### FastDraw® Soft Bait

**Active Ingredient:** Difethialone (Liphatech exclusive)
- Single-feed anticoagulant
- Contains half the active ingredient, 25 PPM, increasing palatability to mice and rats
  - 1/5 oz. is the LD50 for an adult rat, 1/75 oz. for an adult mouse

**Best Uses:**
- Perfect for knocking down large or small rodent populations
- Low-cost placements for a rodent monitoring or maintenance program
- Delivers fast acceptance and outstanding results even when competing food is available
- Contains no-wax: will not melt or lose palatability in hot or cold temperatures

**Bait Formulation:**
- Soft Bait
  - 10 gram (0.35 oz.) pouch offers flexible baiting options through single or multiple pouch placements
  - Contains food-grade oils & grains, aroma escapes through the pouch attracting rodents and encouraging feeding
  - Pouches can be easily secured in a bait station, skewered on a wire and placed between & below floor slats, or on a nail
  - Delivers faster rodent feeding than conventional baits

**Special Features:**
- Contains no wax - will not melt in high temperatures or lose palatability in cold temperatures
- Low cost per placement
- Less bait waste
- Extremely palatable for fast acceptance & results
- Perfect for tight placements targeting where rodents live
- Unmatched control in every bite
- Each 16 lb. pail contains approximately 727 pouches and approximately 364 pouches in each 8 lb. pail

### Revolver™ Soft Bait

**Active Ingredient:** Bromadiolone (Liphatech patented)
- Single-feed anticoagulant
- Formulated at 50 PPM
- The most commonly used A.I., in the most palatable form
  - 1/4 oz. is the LD50 for an adult rat, 1/40 oz. for an adult mouse

**Best Uses:**
- A great rotation partner when switching from FastDraw
- Use Revolver when you are concerned rodents are not feeding on your conventional bromadiolone rodenticides
- Provides you a low cost per placement for knocking rodent populations down or for use as a monitoring bait
- Contains no-wax: will not melt or lose palatability in hot or cold temperatures

**Bait Formulation:**
- Soft Bait
  - 12 gram (0.42 oz) pouch offers flexible baiting options through single pouch or multiple pouch placements
  - Most advanced formulation with bromadiolone as the active ingredient
  - Food grade oil and grains produce an aroma that will attract both mice & rats and encourage feeding
  - Pouches can be easily secured in a bait station, skewered on a wire and placed between & below floor slats, or on a nail

**Special Features:**
- Contains no wax - will not melt in high temperatures or lose palatability in cold temperatures
- Low cost per placement
- Less bait waste
- Offers more palatability than wax blocks or pellets
- Perfect for tight placements targeting where rodents live
- 0% wax, 100% effective control
- Each 16 lb. pail contains approximately 604 pouches and approximately 302 in each 8 lb. pail
## BootHill®

**Active Ingredient:** Bromadiolone (Liphatech patented)
- Single-feed anticoagulant
- Formulated at 50 PPM
- 1/4 oz. is the LD50 for an adult rat, 1/40 oz. for an adult mouse

**Best Uses:**
- Mini-blocks can be easily secured on horizontal or vertical rods in bait stations
- A great rotation partner in any biosecurity rodent control program
- Paraffinized pellets resist moisture and are labeled for burrow baiting
- Paraffin bars for tough, wet weather conditions
- Excellent Norway rat control

**Bait Formulations:**
- Mini Blocks - 1 oz.
  - Multiple edges to encourage feeding
  - Can be easily secured in a tamper-resistant bait station
- Paraffinized Pellets - Bulk
  - The best choice for baiting Norway rat burrows
  - Maximum moisture resistance
- Pellet Place Packs - 1.5 oz.
  - Minimizes contact with the rodenticide
  - Pre-measured dose & cost effective
- Paraffinized Block - 1 lb.
  - Can be easily divided into 2, 4, 6, or 8 ounce portions
  - Tolerant of high humidity and moisture

**Special Features:**
- Contains whole food grade grains
- A trusted brand for over 30 years

## Hombre™

**Active Ingredient:** Difethialone (Liphatech exclusive)
- Single-feed anticoagulant
- Formulated at 25 PPM, increasing palatability to mice and rats
- 1/5 oz. is the LD50 for an adult rat, 1/75 oz. for an adult mouse

**Best Uses:**
- Best mini-block for great results
- Blocks and pellet place packs can be easily secured in bait stations
- Great mouse and rat control
- Provides baiting options that best suit your needs - miniblocks, bulk pellets or pellet place packs

**Bait Formulations:**
- Mini Blocks - 20 gram
  - Multiple edges to encourage feeding
  - Less wax content keeps bait palatable
  - Food grade grains and seeds attract mice and rats to encourage feeding
  - Can be easily secured in a bait station
- Pellets – Bulk
  - Great for controlling mice where pellet hoarding is not a concern
- Pellet Place Packs - 25 gram
  - Minimizes contact with the rodenticide
  - Pre-measured dose & cost effective

**Special Features:**
- Contains less wax and dye to enhance palatability to mice and rats
- Great taste that rodents can’t resist

## Gunslinger®

**Active Ingredient:** Bromethalin
- Acute active ingredient
- Formulated at 100 PPM
- 47/50 oz. is the LD50 for an adult rat, ≤ 1/10 oz. for an adult mouse

**Best Uses:**
- Use during de-population and clean-out periods
- Prevents resistance by breaking the anti-coagulant baiting cycle
- Fast results - rodent death occurs within 24 - 48 hours

**Bait Formulations:**
- Mini Blocks - .5 oz.
  - Each 4 lb. pail contains approximately 130 mini-blocks
  - Gnawing edges to promote rodent feeding
  - Convenient & easy-to-use

**Special Features:**
- Stop-feed action kills more rodents with less bait & reduces cost
- No known resistance
Aegis® Bait Stations

The foundation of any baiting program.

Reduces replacement costs - strong rotating hinges secure lid and operate down to -20 degrees for long service life

Fast to service - minimizing labor costs

Versatile - can be placed vertically or horizontally

Aegis® - RP lids open away from the wall making cleaning and baiting fast & easy

Straight through design keeps rodents on their natural paths, causing them to enter and feed

Available in locking and non-locking

Tamper-resistant keyed models, prevent access by people, non-target pets and complies with FDA standards

Vertical and horizontal bait rods securely anchor rodenticides

Drain holes keep bait drier and more palatable

Knockout anchor points provide flexible securing options

Aegis® Mouse

• All black or with clear lid
• Holds twice the capacity of most mouse stations
• Designed to hold soft bait
• 12 stations / case

Aegis® Rat

• Available in black, white (Cool box) or black with a clear lid
• Double-tunnel design for improved bait consumption
• 6 stations / case

Aegis® - RP

• Compact size
• Mount vertically or horizontally
• See-through design
• Opens away from the wall
• Accommodates rodent traps
• 6 stations / case

See through design improves rodent entry
Rotating hinges are long lasting
The AEGIS-RP provides flexible on-edge, vertical mounting for tight locations
Other bait stations break after little use and in cold weather
Inspection & Prevention Measures

These simple yet important practices can significantly increase your rodent baits effectiveness:

- Start from the exterior and work yourself inside
- Carefully and thoroughly inspect interior and exterior walls, areas above ceilings, curtains, and other spaces where rodents might hide or live
- Look for signs of rodent damage and traffic like nesting areas, entry & exit points, building damage, and feces
- Once rodent nesting and feeding locations are determined, intercept their runways with a fresh, constant supply of Liphatech rodenticide
- Following the preventative steps to the right and referring to Liphatech’s Rodent Reference Guide, can also help identify the level of your infestation and solve your problem
- Maintaining a year-round rodenticide rotation like the one seen below ensures your rodent population is resistance free. Consult your Liphatech or distributor sales representative for a Liphatech rotation program

For more information such as the Liphatech Rodent Reference Guide, informational sheets, MSDS or Specimen labels, log on to www.liphatech.com

Remove all debris and thick vegetation adjacent to buildings. A 3 foot rock perimeter prevents harborage of rodents and foundation burrowing

Remove feed and water sources that keep rodent populations alive

Place AEGIS® bait stations stocked with fresh rodenticide near burrows, damaged curtains, runways or other signs of activity

Contact your Liphatech District Sales Manager for your custom rotation!

Contaminated Feed  Curtain Damage  Foundation Burrowing & Damage  Gnawed Electrical Wiring

AT CLEANOUT

SOFT BAITS

RODENTICIDE

SOFT BAITS

RODENTICIDE

SOFT BAITS

RODENTICIDE
Rodent infestations are a critical biosecurity threat!

Knock rodent populations down with Liphatech Rodenticides, farm-tested solutions that work!

For more information:
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Email:
rodentcontrol@liphatech.com

Find us on the web at:
www.liphatech.com

Do you have a question or a stubborn rodent infestation? Contact Liphatech’s sales team, your rodent control experts! We can provide you expert guidance towards taking the proper steps to get your biosecurity rodent control program within regulations.