

# ANIMAL SAFETY

# BioSecurity

Disease Control  
Insect Control  
Rodent Control  
Hygiene



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# Neogen Corporate Profile

**Lansing, Michigan.** Neogen's facilities in Lansing are home to the company's corporate offices, as well as its Food Safety Division operations, including food safety manufacturing, shipping, research, development, sales and marketing.

**Lexington, Kentucky.** Neogen's Lexington-based Animal Safety Division manufactures and markets diagnostic products, agrigenomics, veterinary instruments, gloves, hoof care products; veterinary pharmaceuticals, nutritional supplements, disinfectants, and rodenticides.

**Lincoln, Nebraska.** Neogen Genomics. Neogen's facilities in Lincoln are home to the company's agrigenomics operations, including the leading agricultural genomics laboratory in the world, and Igenity — a leading provider of genomic bioinformatics. Edmonton, Alberta, Canada. Neogen Canada. The company's Neogen Canadian subsidiary serves as the Canadian branch of its Neogen Genomics operations.

**Randolph, Wisconsin.** Hacco. Neogen's Hacco subsidiary in Randolph is home to the company's research and development, and EPA-licensed manufacturing operations, for rodenticides and cleaners and disinfectants.

**St. Joseph, Michigan.** IDS. Neogen's IDS subsidiary in St. Joseph is home to the company's research and development operations for test kits to detect drug residues in food and animal feed, and drugs in forensic and animal samples.

**Pleasantville, Iowa.** Chem-Tech. Neogen's Chem-Tech subsidiary is a manufacturer of insecticides for the animal and food industries, and operates an extensive manufacturing and distribution facility in Pleasantville.

**Kenansville, North Carolina.** Prima Tech®. Neogen's Prima Tech subsidiary is a veterinary instrument company manufacturing operation that is an important supplier of unique veterinary instruments.

**Ayr, Scotland.** Neogen Europe. Neogen's Scotland-based Neogen Europe subsidiary continues to make inroads into the European Union food and animal safety markets through the distribution of U.S.-produced products, as well as its own expanding line of diagnostics.

**Heywood, England.** Neogen Culture Media. Neogen's European culture media subsidiary is headquartered in an accredited facility in Heywood, near Manchester.

**Shanghai, China.** Neogen China. The company's Neogen China subsidiary provides in-country support for its expanding food and animal safety markets, and assists in the manufacturing, and procurement of certain products and raw materials needed to support Neogen's Food and Animal Safety operations.

**Cochin, India.** Neogen India. The company's Neogen India subsidiary distributes the company's food and animal safety products throughout India.

**Mexico City, Mexico.** Neogen Latinoamérica. Neogen's subsidiary in Mexico City, Neogen Latinoamérica, distributes the company's food and animal safety products throughout Mexico and Latin America.

**Indaiatuba, Brazil.** Neogen do Brasil. Neogen's subsidiary in Brazil, Neogen do Brasil (Neogen of Brazil) distributes Neogen's food safety and agrigenomic products throughout that country.

**Gatton, Queensland, Australia.** Neogen Australasia. Neogen's subsidiary in Australia is home to a leading agricultural genomics laboratory, and distributes animal safety products throughout the region.



Neogen Corporation develops, manufactures, and markets animal and food safety solutions. Neogen (NASDAQ: NEOG), founded in 1982, has grown to over 1,000 employees in multiple U.S. and international locations. Neogen has been repeatedly named one of Forbes Magazine's best small companies in America, and is in NASDAQ's top tier of companies—its Global Select Market. For more about Neogen, please visit [www.neogen.com](http://www.neogen.com).

## Animal Safety

Neogen's Lexington, Ky.-based Animal Safety Division manufactures and markets veterinary pharmaceuticals, vaccines, topicals, diagnostic tests, instruments, rodenticides, insecticides, disinfectants, and genomic solutions.

### Neogen's products include:

- **Veterinary Performance and Companion Animal Products.** Neogen's biological line includes BOTVAX® B, the only USDA-approved vaccine against equine botulism type B; EqStim®, an effective USDA-approved immunostimulant for adjunctive treatment of equine respiratory disease complex; and UNIPRIM®, a popular veterinary antibiotic.
- **Veterinary Instruments and Supplies.** Neogen offers affordable precision veterinary instruments and supplies. Neogen's extensive line of durable and disposable instruments is convenient and dependable. We offer products from needles and syringes, to breeding and delivery.
- **Rodent Control Products.** Neogen's proven rodenticides are used for control of rodents and complement its disinfectants as a critical component of an overall biosecurity program. Rodents compromise the quantity and quality of food and feed, and spread disease.
- **Insect Control Products.** Neogen's Prozap Insect Control products include well-known and proven insecticides that have a range of applications in the food and animal safety industries. Neogen's Catchmaster products offer non-toxic options for the home and farm.
- **Cleaners and Disinfectants.** Animal facilities, from companion animal veterinary clinics to production livestock operations, benefit from Neogen's diverse range of cleaners and disinfectants. Neogen also offers step-by-step procedures to clean then disinfect numerous surface types of organic matter, biofilms and serum content. These products have broad germicidal capabilities to remove infectious agents, such as avian influenza.
- **Livestock and Canine Genomics.** Neogen's GeneSeek® and Igenity® subsidiaries are leading global providers of DNA testing and bioinformatics for animal agribusiness and veterinary medicine. With complementary applications, GeneSeek and Igenity provide everything from research and development to final implementation of molecular solutions for applications such as genetic improvement, disease management and identity management.
- **Diagnostic Products.** Neogen's tests detect more than 100 different drugs that may be considered drugs of abuse in racing and eventing animals, and residues in food animals.

## Food Safety

The company's Food Safety Division markets dehydrated culture media and diagnostic test kits to detect foodborne bacteria, natural toxins, food allergens, drug residues, plant diseases and sanitation concerns. For more about Neogen's Food Safety Division, please visit [www.neogen.com](http://www.neogen.com).

# **Water Treatment**

**make your water work**



# Water Treatment

Managing water quality and quantity is one of the most overlooked management practices in livestock production. It plays an important role in digestion and nutrient absorption, and is essential for many physiochemical reactions needed for optimal growth and production.



## A Peraside

A peroxyacetic acid-based sanitizer/disinfectant developed for the following uses: Institutional/Industrial sanitizer and disinfectant for poultry and swine facilities, egg facilities, and animal housing. It is effective against bacteria, fungi, odor and algae.

**Active:** Peracetic acid and stabilized hydrogen peroxide

**Use:** egg sanitation, water line descaling, fogging sanitation

**Activity:** Terminal descaler of water lines to removed tough mineral and metal build up without clogging drinker nipples. Additional fogging applications including egg sanitation and room sanitation.

**Application:** mechanical sprayer, proportioner, fogging, soaking

Item No.	Description	Case Ct.	Pallet Qty.
406047/2.5	Peraside 2.5 gal pail	1	75
406047/5	Peraside 5 gal pail	1	48
406047/30	Peraside 30 gal drum	1	4
406047/55	Peraside 55 gal drum	1	4

## B Siloxycide®

Siloxycide is the only EPA approved hydrogen peroxide and silver nitrate disinfectant for poultry and livestock drinking water lines. Approved for disinfection of hatcheries, poultry premises, watering equipment, feeding equipment, animal housing facilities and buildings, farm equipment, coops, trucks, crates, and troughs. Additionally, Siloxycide is approved for fogging applications.

**Active:** hydrogen peroxide and silver nitrate

**Use:** Poultry and swine water line disinfection, hatcheries, farm equipment, vehicles, etc.

**Application:** sprayer, fogging, and soaking

Item No.	Description	Case Ct.	Pallet Qty.
480021/2.5	Siloxycide 2.5 gal pail	1	75
480021/30	Siloxycide 30 gal drum	1	4
480023/1	Siloxycide RTU 1 gal pail	4	192
480023/55	Siloxycide RTU 55 gal	1	4



A

406047/5 - 5 gal



B

480021/2.5 - 2.5 gal



# Water Treatment (continued)

**A**

## AquaPrime® NeoKlor

AquaPrime® NeoKlor is a 7.5% Sodium Chlorite solution that is EPA approved for usage in potable water disinfection. AquaPrime® NeoKlor has numerous uses in potable water, can be utilized for food plant process, poultry process water, CIP disinfection, industrial cooling water, and wastewater systems.

**Active:** Sodium Chlorite

**Use:** Disinfection of potable water found on poultry, swine, and cattle production sites, dairies, food plant processing, poultry process water, industrial cooling

**Application:** Closed generation system, acid-chlorite chlorine dioxide systems, or other potable water applications.

Item No.	Description	Case Ct.	Pallet Qty.
480015/5	AquaPrime® NeoKlor 5 gal pail	1	48
480015/15	AquaPrime® NeoKlor 15 gal drum	1	9
480015/55	AquaPrime® NeoKlor 55 gal drum	1	4
480015/330	AquaPrime® NeoKlor 330 gal tote	1	1

**B**

## AquaPrime® Trigger

AquaPrime® Trigger is an NSF-approved water-soluble acidifier for poultry and livestock drinking water. AquaPrime Trigger is a GRAS proprietary blend of mineral acids formulated to reduce pH in drinking water on poultry and livestock farming operations.

**Active:** Carbon-free acid blend

**Use:** Poultry and other livestock operations

**Application:** Metering or proportioner pump

Item No.	Description	Case Ct.	Pallet Qty.
488018/5	AquaPrime® Trigger 5 gal pail	1	48
488018/15	AquaPrime® Trigger 15 gal drum	1	9
488018/55	AquaPrime® Trigger 55 gal drum	1	4
488018/275	AquaPrime® Trigger 275 gal tote	1	1

**A**



480015/5 - 5 gal

**B**



488018/5 - 5 gal



## (continued) Water Treatment

### C BioSentry® AquaPrime® Activator

Biosentry AquaPrime Activator is a special blend of mineral and organic acids specifically formulated to activate Chlorine Dioxide for the disinfection of livestock drinking water. Formulated specifically for use with 5% stabilized sodium chloride solutions to maximize conversion. An easy 1 part activator to 2 parts 5% sodium chloride solution mix will give an over 90% conversion to free  $\text{ClO}_2$ . Efficient conversion creates a least cost application when calculating treatment cost per gallon of water or per animal. Liquid is ready to use and includes a green color to indicate presence in injection lines to ensure proper proportioning.

**Active:** Acid Blend

**Use:** Poultry, Swine, and Dairy Operations

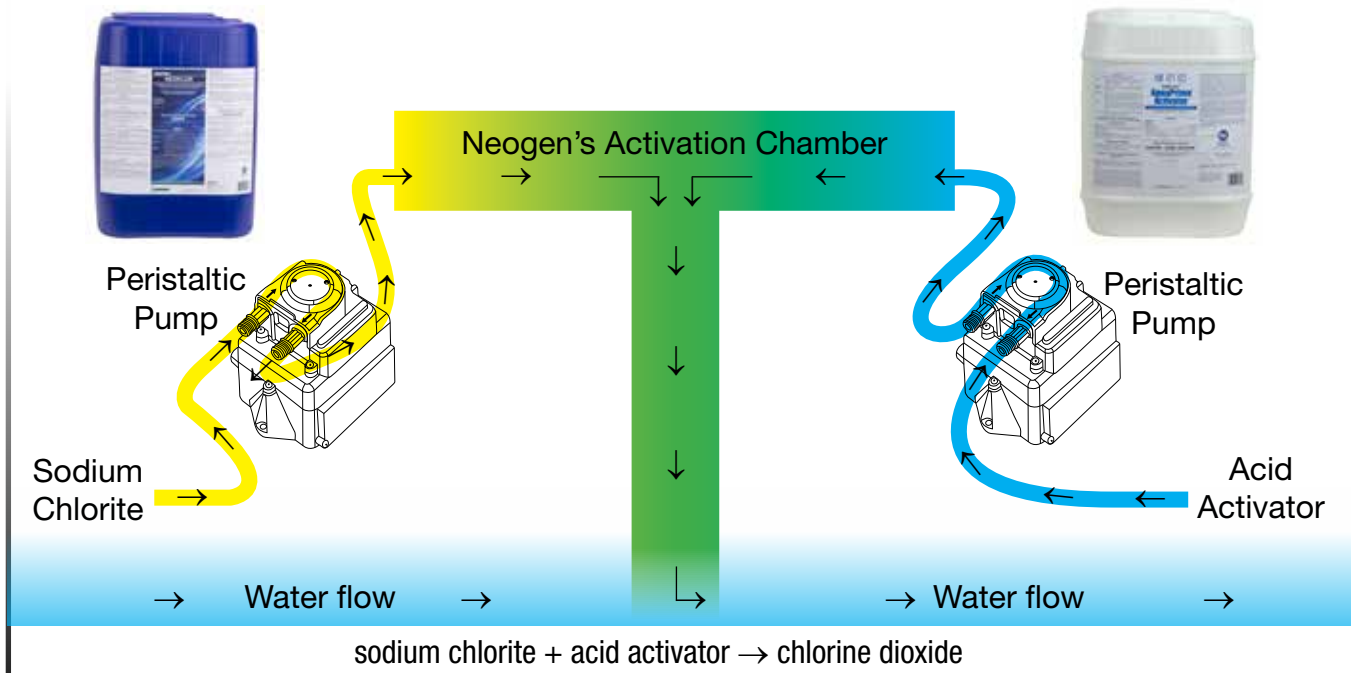
**Application:** Closed Chlorine Dioxide Generator System

Item No.	Description	Case Ct.	Pallet Qty.
142250	AquaPrime Activator 5 gal pail	1	48
142550	AquaPrime Activator 15 gal drum	1	9
142350	AquaPrime Activator 55 gal drum	1	4
142450	AquaPrime Activator 275 gal tote	1	1



142250 - 5 gal

### How Does it Work?



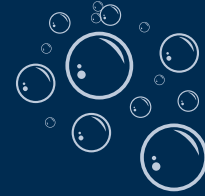
# Cleaners & Disinfectants



# Disinfectants

Neogen offers a broad range of disinfectants that are formulated to provide the highest quality chemistries and broadest efficacy for use in all types of animal care premises ranging from production livestock rearing to companion animal veterinary clinics.

Neogen's EPA approved disinfectants kill all major pathogens of concern including bacteria, fungi and viruses and have broad germicidal capabilities to remove infectious agents such as avian influenza, aspergillus fumigatus and PRRS. Neogen can assist you with step-by-step procedures to properly clean and then disinfect all types of surfaces contaminated with organic matter, biofilms and serum content.



## A Synergize®

Synergize is a multi-purpose disinfectant-cleaner formulated for use in animal and poultry housing facilities, turkey, breeder, grower, grow out, broiler, layer, hatcheries, and swine producing facilities as well. It is also formulated for use on the following equipment in these facilities: waters, feeders, hauling vehicles and equipment, farrowing barns, nurseries, blocks, creep areas, and chutes. Synergize is also for use in farm premise, equine facilities, calf pens, and farm vehicles.

**Active:** Quaternary ammonium/ glutaraldehyde

**Use:** Poultry and turkey farms, hatcheries, swine operations, veal barns, equine facilities, veterinary clinics, animal care facilities, ratite facilities, calf pens, vehicles, etc.

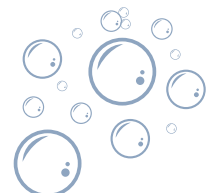
**Activity:** Kills both gram negative and gram positive bacteria, viruses, and fungi

**Application:** Mechanical sprayer, fogging, soaking, use in boot baths and vehicles

Item No.	Description	Case Ct.	Pallet Qty.
433600/32	Synergize 32 oz	6	660
433600/1	Synergize 1 gal	4	192
433600/2.5	Synergize 2.5 gal	1	75
433600/5A	Synergize 5 gal pail	1	48
433600/30	Synergize 30 gal drum	1	4
433600/55	Synergize 55 gal drum	1	4
433600/275	Synergize 275 gal tote	1	1
402302/1	Synergize Orange 1 gal	4	192
402302/5	Synergize Orange 5 gal pail	1	48
402302/55	Synergize Orange 55 gal drum	1	4
403375/5	Synergize Orange Nf 5 gal pail	1	48
403375/55	Synergize Orange Nf 55 gal drum	1	4
403381/1	Synergize Cool (P) 1 gal	4	192
403381/55	Synergize Cool (P) 55 gal drum	1	4
433602/1	Synergize Np 1 gal	4	192
433602/5	Synergize Np 5 gal pail	1	48
433602/55	Synergize Np 55 gal drum	1	4
434700/1	Synergize NF 1 gal	4	192
434700/55	Synergize NF 55 gal drum	1	4



433600/1 - 1 gal



# Disinfectants (continued)

(A)



D12709560 - 1 gal

## (A) BioSentry® 904 Disinfectant

BioSentry 904 Disinfectant is a broad spectrum disinfectant recommended for use on hard nonporous surfaces for poultry, swine, farm, and veterinary practice disinfection. It is proven effective against bacteria, fungi and viruses that cause disease and economic losses. It disinfects in 5% organic soil loads, 200 ppm hard water and 0.5 oz per gallon dilution on most organisms.

**Active:** Combination of four quaternary ammonium compounds

**Use:** Complete hatchery, veterinary and farm premise disinfectant

**Activity:** Broad spectrum kill of molds, bacteria, viruses and fungi (*Aspergillus fumigatus*)

**Application:** Spray on hard surfaces, footbaths and vehicle disinfection

Item No.	Description	Case Ct.	Pallet Qty.
D12709560	BioSentry 904 Disinfectant 1 gal	4	192
D12695590	BioSentry 904 Disinfectant 55 gal	1	4

(B)



D12709568 - 1 gal

## (B) BioSentry® BioPhene™ Disinfectant

BioSentry BioPhene Disinfectant is a high activity 0.5 oz per gallon (4 mL/L) phenolic disinfectant for use in poultry hatcheries, poultry, swine, livestock and farm premises, veterinary clinics and animal care facilities. Effective in 5% blood serum and 400 ppm hard water (as CaCO<sub>3</sub>). It is also used for sanitizing hatching eggs. It cleans and disinfects, but contains no soap to streak or dull surfaces.

**Active:** Phenol and IPA

**Use:** Alkaline, foaming disinfectant for hatcheries and farm premises, used as hatching egg sanitizer

**Activity:** Kills gram-negative and gram-positive bacteria, viruses and fungi

**Application:** Spray on hard surfaces and footbaths

Item No.	Description	Case Ct.	Pallet Qty.
D12709568	BioSentry BioPhene Disinfectant 1 gal	4	192
D12695607	Biosentry BioPhene Disinfectant 55 gal	1	4

(C)



490910 - 15.5 oz

## (C) BioSentry® BioPhene™ Spray Disinfectant

BioSentry® BioPhene™ Spray Disinfectant is an EPA-registered aerosol disinfectant that effectively controls the common viruses and bacteria that challenge the agriculture industry. In addition to controlling viruses, bacteria, and fungi, BioPhene Spray Disinfectant also eliminates odor and controls mold and mildew. BioPhene Spray Disinfectant can be used in vehicles, on footwear, or anywhere quick disinfection may be needed which makes it a great addition to your biosecurity portfolio.

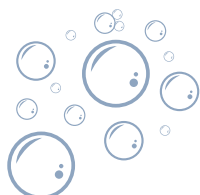
**Active:** O-Phenylphenol and Ethanol

**Use:** Service vehicles, animal transport vehicles, footwear, animal care facilities, livestock facilities, office quarters, animal quarantine areas, animal laboratories, and animal life science laboratories

**Activity:** Virucidal, Tuberculocidal, Fungicidal, Staphylocidal, Pseudomonacidal

**Application:** Aerosolized Spray

Item No.	Description	Case Ct.	Pallet Qty.
490910	BioSentry BioPhene Spray Disinfectant 15.5 oz	12	900



## (continued) Disinfectants

### **D** BioSentry® BioQuat™ 20 Disinfectant

BioSentry BioQuat 20 Disinfectant is an efficient disinfectant and sanitizer of high germicidal potency. Effective in 5% organic soil load, 400 ppm hard water and 0.5 oz per gallon dilution. Recommended use solutions are odorless, non-corrosive to metal surfaces and are non-staining. Used in farm premises as hard surface disinfectant and registered sanitizer for shell eggs.

**Active:** Quaternary ammonium compound

**Use:** Hard surface disinfectant for farm premises, veterinary clinics, livestock transportation and food processing equipment

**Activity:** Bactericide, fungicide, and virucide, no-rinse sanitizer for food contact surfaces, shell egg sanitizer

**Application:** Sprayed for hard surface disinfection and shell egg sanitizing

Item No.	Description	Case Ct.	Pallet Qty.
D12709575	BioSentry BioQuat 20 Disinfectant 1 gal	4	192
D12670163	BioSentry BioQuat 20 Disinfectant 55 gal	1	4



D12709575 - 1 gal

### **E** DC&R® Disinfectant

DC&R Disinfectant is a non-flammable and non-corrosive formulation. DC&R Disinfectant can be used to disinfect pens, hutches, feeders, waterers, cages and livestock and poultry hauling vehicles and equipment. To be used in disinfecting hard, non-porous surfaces of farm buildings and equipment which are for poultry and livestock production, veterinary clinics, kennels, and other non-livestock buildings. Especially suited for equipment, which may harbor or spread many germs or microorganisms within the farm operation, veterinary facility, or to other farms. Apply DC&R Disinfectant with a mechanical spray device.

**Active:** Tris nitro, ammonium chloride, formaldehyde

**Use:** Poultry and turkey farms, hatcheries, swine operations, dairy farms, cattle farms, equine farms, veterinary clinics, etc.

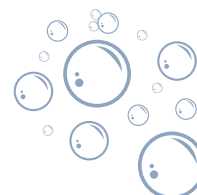
**Activity:** Kills gram-negative and gram-positive bacteria, viruses and fungi

**Application:** Apply with a mechanical spray device

Item No.	Description	Case Ct.	Pallet Qty.
142041	DC&R Disinfectant 1 gal	4	192
142145	DC&R Disinfectant 2.5 gal	2	75
142135	DC&R Disinfectant 55 gal	1	4



142041 - 1 gal



# Disinfectants (continued)

A



403290/1 - 1 gal

## A Pi Quat 20

20% dual chain quaternary ammonia disinfectant / sanitizer registered for use in processing plants, dairies, animal quarters, poultry and turkey farms, hatcheries, and kennels. May also be used to sanitize previously cleaned food grade eggs in shell egg and egg processing plants.

**Active:** Quaternary ammonium compound

**Use:** Poultry facilities, hatcheries, swine quarters, equine quarters, and veterinary clinics, kennels, dairy operations, and foot baths.

**Activity:** Bactericide, virucide, fungicide, deodorizer

**Application:** Foaming, immersion, low pressure sprayer, and fogging

Item No.	Description	Case Ct.	Pallet Qty.
403290/1	Pi Quat 20 1 gal	4	192
403290/55	Pi Quat 20 55 gal drum	1	4
403290/250	Pi Quat 20 250 gal tote	1	1

B



403357/1 - 1 gal

## B Orange Quat Destroyer

Orange Quat Destroyer is a dual chain quaternary ammonia disinfectant / sanitizer registered for use in hatcheries, poultry facilities, swine facilities, livestock premises, companion animal facilities, and kennels. Additionally, this product can be used to sanitize vehicles, equine facilities, and dairy facilities.

**Active:** Quaternary ammonium compound

**Use:** Poultry facilities, hatcheries, swine quarters, equine quarters, and veterinary clinics, kennels, dairy operations, vehicles, and foot baths.

**Activity:** Bactericide, virucide, fungicide, deodorizer

**Application:** Foaming, immersion, spraying, and fogging

Item No.	Description	Case Ct.	Pallet Qty.
403357/1	Orange Quat Destroyer 1 gal	4	192
403357/55	Orange Quat Destroyer 55 gal drum	1	4

C



433300/1 - 1 gal

## C Iodis®

Iodis disinfectant is a detergent disinfectant and no rinse sanitizer for food contact surfaces. A sudsing iodine cleaner, deodorizer, disinfectant, and sanitizer for use on farm premises, poultry houses, and food plants. Provides 1.75% titratable iodine. Iodis disinfectant kills most food spoilage organisms, odor causing bacteria, and bacteria that may cause disease or economic losses due to poultry, livestock, and food industries. Iodis aids in prevention and removal of milkstone, beerstone, and mineral accumulations on treated surfaces in hard water areas.

**Active:** Iodine

**Use:** Acidic, no rinse sanitizer for food processing plants, farm premise, hospitals and veterinary clinics disinfectant, drinking water sanitizer, and boot bath sanitizer.

**Application:** Flooding, immersion, mopping, or spraying

Item No.	Description	Case Ct.	Pallet Qty.
433300/1	Iodis 1 gal	4	192
433300/30	Iodis 30 gal drum	1	4
433300/55	Iodis 55 gal drum	1	4

## (continued) Disinfectants

### D Dyne-O-Might®

Dyne-O-Might is a cleaner-disinfectant and ammonia neutralizer made up of a unique patented blend of acids and iodine. The oxidizing and pH reducing effect of the acids help to permeate and break down cells walls. This provides a proven germicidal ability against pathogens such as E. Coli and Salmonella in the presence of 50% organic material. Additionally, Dyne-O-Might is used for ammonia control in poultry facilities. Formulated with feed-grade ingredients, it is safe for use in all areas of the animal agriculture facility including: nurseries, farrowing, breeding and gestation rooms, poultry litter, drinking water, and foot baths.

**Active:** Iodine

**Use:** Poultry farms, cattle barns, ratite facilities, swine facilities, dairy facilities, foot baths, Zoos

**Application:** Mechanical coarse sprayer, boot baths

Item No.	Description	Case Ct.	Pallet Qty.
404184/1	Dyne-O-Might 1 gal	4	192
404184/5	Dyne-O-Might 5 gal pail	1	48
404184/55	Dyne-O-Might 55 gal drum	1	4



404184/5 - 5 gal

### E Mycocide

Mycocide is an effective low foaming, detergent sanitizer, concentrate containing 3.5% titratable iodine and phosphoric acid. Intended for use as a sanitizer with no potable water rinse required (USDA designation D2) in applications requiring low foam acid pH.

**Active:** Iodine

**Use:** Food processing plants, beverage processing plants, dairy sanitation,

**Application:** Spraying, immersion, mopping, flushing

Item No.	Description	Case Ct.	Pallet Qty.
413090/1	Mycocide 1 gal	4	192
413090/15	Mycocide 15 gal drum	1	48
413090/55	Mycocide 55 gal drum	1	4



413090/1 - 1 gal

### F Parvosol® II RTU Disinfectant

Parvosol II RTU (ready-to-use) is the next generation of synergized quaternary ammonium compounds with even more effective disinfecting power, now ready-to-use from the bottle. Effective against Parvovirus, Feline calicivirus, H<sub>1</sub>N<sub>1</sub> (swine flu) and Avian Influenza.

**Active:** Quaternary ammonium

**Use:** Veterinary clinics, poultry, swine and farm premise

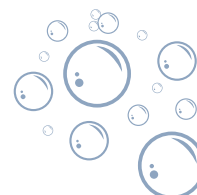
**Activity:** Kills gram-negative and gram-positive bacteria, viruses and fungi

**Application:** Mopping or spraying

Item No.	Description	Case Ct.	Pallet Qty.
190416	Parvosol II RTU Disinfectant 1 gal	4	192



190416 - 1 gal






# More with Less



**1 gallon of COMPANION**  
**= 16 gallons\*** of competitive product

*\*hydrogen peroxide product*

-  **Proven dual action chemistry**
-  **Non-corrosive even after repetitive uses**
-  **Single dilution rate yields a Parvoviral, Virucidal, Fungicidal solution**

COMPANION Cleaner-Disinfectant is specifically formulated for use in veterinary practices, animal care facilities, and animal laboratories. At a concentration of 1:256, COMPANION Cleaner-Disinfectant is a neutral pH product that is non-irritating to personnel, non-corrosive to equipment, and does not peel paint or stain floor finishes. One dilution rate, ½ ounce per gallon, is effective against a broad-spectrum of organisms, including Parvovirus. COMPANION Cleaner-Disinfectant provides a cost-effective solution in your clinic's biosecurity efforts.

## (continued) Disinfectants

**A**

### COMPANION™ Cleaner-Disinfectant

COMPANION cleaner-disinfectant is specifically formulated for use in veterinary practices, animal care facilities, and animal laboratories. At 1:256 dilution, COMPANION cleaner disinfectant is a neutral pH product and will be non-irritating to personnel, non-corrosive to equipment, and will not peel paint or stain floor finishes. COMPANION is a multipurpose cleaner-disinfectant designed to be effective against a broad spectrum of organisms that may present challenges in your facilities. At the ½ ounce per gallon dilution, COMPANION cleaner-disinfectant provides a cost effective solution in your clinics biosecurity efforts.

**Active:** Quaternary ammonium/ glutaraldehyde

**Use:** Veterinary clinics, animal care facilities, animal quarantine areas, animal laboratories, animal life science laboratories, animal research centers, pet shops, kennels, animal breeding facilities, foot baths, and grooming establishments.

**Activity:** Kills both gram negative and gram positive bacteria, viruses, and fungi

**Application:** Mopping, spraying, soaking

Item No.	Description	Case Ct.	Pallet Qty.
403291/1	Companion Disinfectant 1 gal	4	192
403291/32	Companion Disinfectant 32 oz	6	660



403291/1 - 1 gal

**A**

**B**

### COMPANION Disinfectant Wipes

COMPANION disinfectant wipes are a ready to use wipe that effectively cleans, disinfects and controls odor in one step. COMPANION disinfectant wipes clean by removing tough soils such as dirt, fecal material, blood, urine, and mildew leaving behind a fresh citrus scent. COMPANION disinfectant wipes formulation is nonabrasive, non-corrosive with repetitive use. Reduce your patient turnover time by using the convenient and effective COMPANION disinfectant wipes.

**Active:** Citric Acid

**Use:** Floors, walls, fixtures, countertops, kitchen surfaces, medical equipment surfaces, stainless steel, chrome, vinyl, glass, glazed ceramic tile, plastic appliances, car interiors, doorknobs, exam tables, laboratory equipment surfaces, operating room lights/tables, pet habitats, stalls, and transportation equipment surfaces

**Activity:** Germicidal, Virucidal, Parvoviral, Tuberculocidal

**Application:** Mopping, spraying, soaking

Item No.	Description	Case Ct.	Pallet Qty.
490908	Companion Disinfectant Wipe 160 ct	4	512



490908

**B**

**C**

### COMPANION Hand Sanitizer

COMPANION Hand Sanitizer is an alcohol-based foaming hand sanitizer formulated to provide exceptional protection for today's veterinarian and food animal production locations. COMPANION Hand Sanitizer is dispensed as a thick, rich foam that dries instantly and eliminates inconvenient spills through precisely metered pumps. It can also be easily transported in vehicles and kept in areas where water is not readily available.

**Active:** Ethyl Alcohol

**Use:** Veterinary clinics, animal care facilities, livestock facilities, office quarters, animal quarantine areas, animal laboratories, animal life science laboratories, animal research centers, pet shops, kennels, and service vehicles

**Activity:** Kills 99.9% of harmful bacteria on contact

**Application:** Apply 2 pumps into the palm of hand, rub briskly together until dry

**Benefits:**

Item No.	Description	Case Ct.	Pallet Qty.
490909/16	Companion Hand Sanitizer 7 oz	16	2880

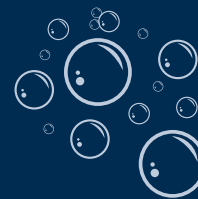


490909/16 - 7 oz

**C**

# Cleaners

Neogen cleaners are formulated specifically to meet the demands of agricultural sanitation and are an important step for an overall biosecurity plan. It is always recommended to clean all surfaces prior to disinfecting. Neogen's offerings include alkaline and acidic cleaners as well as foaming and non-foaming cleaners. For best cleaning results, Neogen recommends a monthly pH rotation of three weeks of alkaline and one week of acidic cleaners. Repeated use of alkaline cleaners tend to leave behind mineral scale and detergent residues. An acidic cleaner can break through these residues and hard to remove materials thus preparing surfaces for more effective disinfection.



(A)



418089/1 - 1 gal

## (A) Acid-A-Foam™ EVO

A phosphate-free, acidic foaming cleaner, Acid-A-Foam EVO is used as an alternative to regular hatchery, equipment or barn cleaners to remove detergent residues, mineral scale and other hard-to-remove elements. A clean surface is required for complete disinfection. Alternating between a good alkaline detergent and a good acid-based detergent maximizes surface cleanliness and, therefore, prepares the surface for the second step of disinfection. Acid-A-Foam EVO removes dirt, grime, protein, and oils as well as minerals and adherent films.

**Active:** Glycolic Acid

**Use:** Acidic foaming cleaner for hatchery or farm use

**Activity:** General cleaner, deodorizer, and effectively removes hard water scale and mineral deposits

**Application:** Foamed, sprayed with pressure washing equipment, or manual application

Item No.	Description	Case Ct.	Pallet Qty.
418089/1	Acid-A-Foam EVO 1 gal	4	192
418089/5	Acid-A-Foam EVO 5 gal	1	48
418089/55	Acid-A-Foam EVO 55 gal	1	4

(B)



418087/1 - 1 gal

## (B) Chlor-A-Foam™ EVO

Chlor-A-Foam™ EVO Hatchery and Equipment Cleaner is a phosphate-free, high foaming alkaline cleaner that rapidly removes protein, fat and carbohydrate soils from surfaces, as well as stubborn yellow stains. Chlor-A-Foam EVO is used for cleaning hatchers, setters, equipment, egg rooms, chick boxes, walls, floors and refuse areas in poultry hatcheries. In poultry and meat processing plants, it is used for cleaning equipment, shackles, walls, floors and refuse areas. It is excellent for stainless steel, concrete, plastic, fiberglass, glass, tile and other surfaces. It can be used through a variety of foam-generating equipment as well as in pressure washers.

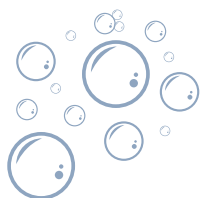
**Active:** Potassium hydroxide and sodium hypochlorite

**Use:** Hatcheries, processing facilities and equipment

**Activity:** All purpose, high-foaming detergent

**Application:** Foamed or sprayed with pressure washing equipment

Item No.	Description	Case Ct.	Pallet Qty.
418087/1	Chlor-A-Foam EVO 1 gal	4	192
418087/5	Chlor-A-Foam EVO 5 gal	1	48
418087/55	Chlor-A-Foam EVO 55 gal	1	4



## (continued) Cleaners

### C Farm-Foam EVO

Farm-Foam EVO is a phosphate-free, foaming, alkaline cleaner used for the removal of organic soils, especially fats and grease. Farm-Foam EVO is ideal for the removal of fecal material and soil in swine and poultry premises, hatcheries, and other animal confinement facilities. Farm-Foam EVO removes dirt, grime, protein, and oils, as well as minerals and adherent films.

**Active:** Sodium Hydroxide

**Use:** Alkaline Foaming Cleaner

**Activity:** General cleaner, deodorizer, and wetting agent

**Application:** Foaming equipment, pressure washing, or manual application

Item No.	Description	Case Ct.	Pallet Qty.
418088/1	Farm-Foam EVO 1 gal	4	192
418088/5	Farm-Foam EVO 5 gal	1	48
418088/55	Farm-Foam EVO 55 gal	1	4



418088/1 - 1 gal

### D Acid Tray Wash EVO

Acid Tray Wash EVO is an acidified, phosphate-free, non-foaming cleaner for washing trays, plastic chick boxes, egg cases, and filler flats in automatic tray washers. It is also an excellent acidic rinse and equipment descaler.

**Active:** Glycolic Acid

**Use:** Acidic non-foaming cleaner for automated tray washers or general farm use

**Activity:** General cleaner, hard water scale, soap scum and mineral deposit remover

**Application:** Automated tray washers or pressure washing equipment

Item No.	Description	Case Ct.	Pallet Qty.
418086/1	Acid Tray Wash EVO 1 gal	4	192
418086/5	Acid Tray Wash EVO 5 gal	1	48
418086/55	Acid Tray Wash EVO 55 gal	1	4



418086/1 - 1 gal



# A PORTFOLIO OF PHOSPHATE-FREE CLEANERS. DESIGNED WITH THE EVOLVING INDUSTRY IN MIND.

## Portfolio Benefits:

- Phosphate-Free Formulas
- Formulated with Biodegradable Detergents
- Compatible with all Neogen Disinfectants
- Superior Foaming Capabilities

# Cleaners (continued)

(A)



D12709609 - 1 gal

(A)

## BioSentry® Acid-A-Foam™

BioSentry Acid-A-Foam is an acidic, foaming cleaner that effectively removes mineral scale and detergent residues, thus preparing surfaces for more effective disinfection in the second step using an appropriate Neogen disinfectant.

**Active:** Phosphoric and glycolic acid

**Use:** Acidic foaming cleaner for hatchery or farm use, pH rotation

**Activity:** General cleaner, deodorizer and hard water scale and mineral deposit remover

**Application:** Foaming, spraying or soaking

Item No.	Description	Case Ct.	Pallet Qty.
D12709609	BioSentry Acid-A-Foam 1 gal	4	192
D12695643	BioSentry Acid-A-Foam 55 gal	1	4

(B)

## BioSentry® Acid Tray Wash

BioSentry Acid Tray Wash is an acidified, non-foaming cleaner for washing trays, plastic chick boxes, egg cases and filler flats in automatic tray washers. It is also an excellent acidic rinse and equipment descaler. Removes hard water scale, mineral deposits and soap scum. It also removes mineral deposits, scale and biofilms from washed items.

**Active:** Phosphoric and glycolic acid

**Use:** Acidic non-foaming cleaner for hatchery or farm use, pH rotation

**Activity:** General cleaner, hard water scale, soap scum and mineral deposit remover

**Application:** Proportioning systems or pressure washing units

Item No.	Description	Case Ct.	Pallet Qty.
D12204609	BioSentry Acid Tray Wash 5 gal	1	32
D12204619	BioSentry Acid Tray Wash 55 gal	1	4

(C)



D12204575 - 1 gal

(C)

## BioSentry® BioCres™ 50

BioSentry BioCres 50 can be used for cleaning broiler houses, brooders, layer houses, livestock barns, farrowing pens, foaling pens, stalls, calf hutches, pig parlors, kennels, poultry crates, animal transport vehicles and farm equipment. BioSentry BioCres 50 is recommended for use on surfaces such as concrete, wood, plastic, glazed tile, enameled and metal surfaces of livestock housing, handling equipment and transportation equipment. Wets and penetrates pores, cracks and crevices to maximize cleaning.

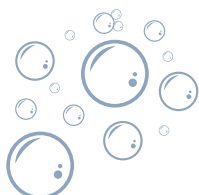
**Active:** Cresylic acid and sodium hydroxide

**Use:** Alkaline, foaming cleaner for farm premises

**Activity:** General hard surface cleaner

**Application:** Spraying or foaming – not recommended as a mist unless a respirator is used

Item No.	Description	Case Ct.	Pallet Qty.
D12204575	BioSentry BioCres 50 1 gal	4	192



**D BioSentry® Chlor-A-Foam™**

BioSentry Chlor-A-Foam is heavy duty chlorinated foaming cleaner for rapid soil removal and used for cleaning hatchers, setters, equipment, egg rooms, chick boxes, walls, floors and refuse areas in poultry hatcheries. In poultry and meat processing plants, it is used for cleaning equipment, shackles, walls, floors and refuse areas. It is excellent for stainless steel, concrete, plastic, glass, tile and other surfaces. It is compatible with quaternary and phenolic disinfectants.

**Active:** Potassium hydroxide

**Use:** Heavy duty chlorinated alkaline foaming cleaner for hatcheries

**Activity:** Removes egg soils, chick down and organic wastes from hatcheries, setters, equipment and hard surfaces

**Application:** Foamed or sprayed with pressure washing equipment

Item No.	Description	Case Ct.	Pallet Qty.
D12709702	BioSentry Chlor-A-Foam 5 gal	1	32
D12695561	BioSentry Chlor-A-Foam 55 gal	1	4

**E BioSentry® Liquid Tray & Egg Wash**

BioSentry Liquid Tray & Egg Wash is a chlorinated, low-foaming cleaning compound specifically designed for washing trays, plastic chick boxes, egg cases and filler flats in automatic tray washers. It is also ideal for washing shell eggs intended for table use, break out or hatching. BioSentry Liquid Tray & Egg Wash is ideal for use in chemical proportioners as well as in manual feeding operations. It is an excellent clean-in-place (CIP) for egg breaking operations.

**Active:** Potassium hydroxide and sodium hypochlorite

**Use:** Alkaline, chlorinated, non-foaming tray wash for use in hatchery automatic washers

**Activity:** Removes egg soils and proteins from trays, boxes, flats and racks

**Application:** Used in proportioning systems or manual dosing

Item No.	Description	Case Ct.	Pallet Qty.
D12709646	BioSentry Liquid Tray & Egg Wash 1 gal	4	192
D12695698	BioSentry Liquid Tray & Egg Wash 5 gal	1	32
D12695708	BioSentry Liquid Tray & Egg Wash 55 gal	1	4



E

D12709646 - 1 gal

**F BioSentry® Universal Barn Cleaner**

BioSentry Universal Barn Cleaner is a biodegradable, effective general-purpose cleaner for use in poultry houses, swine units, livestock barns, farm premises and hatcheries. Compatible in use with phenolic, quaternary, chlorinated, peroxide and iodine disinfectants. Quickly removes grime, grease, protein and fatty oils.

**Active:** Surfactant and chelating agent

**Use:** General purpose alkaline foaming cleaner for farm premise and hatchery

**Activity:** Removes grime, grease, proteins and fatty soils

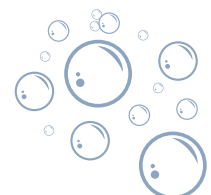
**Application:** Foaming, high pressure washing or manual cleaning

Item No.	Description	Case Ct.	Pallet Qty.
D12568757	BioSentry Universal Barn Cleaner 1 gal	4	192
D12205602	BioSentry Universal Barn Cleaner 5 gal	1	32
D12205613	BioSentry Universal Barn Cleaner 55 gal	1	4



F

D12568757 - 1 gal



# Cleaners (continued)

A



433012/5 - 5 gal

A

## PI-1200

A blend of acids, inhibitors and surfactants developed for removing rust and scales and neutralizing alkalis from lines, equipment and surfaces

**Alternate product name:** Meltdown.

**Use:** Poultry facilities and hatcheries

**Activity:** General descaler and cleaner. Neutralizer of alkalis from lines, equipment, and surfaces.

**Application:** Immersion, spraying, mopping

Item No.	Description	Case Ct.	Pallet Qty.
433012/5	PI-1200 5 gal pail	1	48

B



418083/1 - 1 gal

B

## Barnstorm™

Barnstorm is a heavy-duty, concentrated cleaner and descaler. It has a unique blend of specially formulated acids and a high-foaming detergent designed to remove both organic and inorganic soils from surfaces prior to disinfection. The mixture of organic acids and detergents allow Barnstorm to penetrate through the “biofilm” left behind on walls, floors and crates.

**Active:** Acidic foaming formulation

**Use:** Poultry facilities, hatcheries, swine quarters, waters & feeders, vehicles, and foot baths.

**Activity:** General use detergents, high foaming descaler

**Application:** Foaming, immersion, spraying, and moping

Item No.	Description	Case Ct.	Pallet Qty.
418083/1	Barnstorm 1 gal	4	192
418083/5	Barnstorm 5 gal pail	1	48
418083/55	Barnstorm 55 gal drum	1	4

C



433021/1 - 1 gal

C

## PI-2100

PI 2100 is a Low foaming chlorinated tray and cage washing liquid especially formulated for use in cleaning stainless steel equipment, utensils, hatchery equipment, trays and animal cages

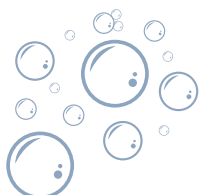
**Active:** Chlorinated formulation

**Use:** Hatchery equipment, stainless steel surfaces

**Activity:** General use detergents, non-foaming tray wash

**Application:** Foaming, immersion, spraying, and moping

Item No.	Description	Case Ct.	Pallet Qty.
433021/1	PI-2100 1 gal	4	192
433021/5	PI-2100 5 gal pail	1	48
433021/30	PI-2100 30 gal drum	1	4
433021/55	PI-2100 55 gal drum	1	4



## (continued) Cleaners

### D PI-2500

PI 2500 is a premium high foaming chlorinated cleaner excellent in penetrating, degreasing and emulsifying heavy soils in hatchery and animal facilities.

**Active:** Alkaline, chlorinated formulation

**Use:** Hatchery equipment, stainless steel surfaces, poultry facilities, egg processing facilities

**Activity:** Liquid high foaming chlorinated hatchery and barn cleaner

**Application:** Foaming, immersion, spraying, and mopping

Item No.	Description	Case Ct.	Pallet Qty.
433500/2.5	PI-2500 2.5 gal pail	2	75
433500/5	PI-2500 5 gal pail	1	48
433500/55	PI-2500 55 gal drum	1	4



433500/5 - 5 gal

D

### E Quik Clean & Quik Clean + Pine

A highly-balanced biodegradable, all purpose cleaner and degreaser, especially designed for use in poultry houses, swine premises, and on farm premises, including poultry and turkey farms, breeders, laying operations and hatcheries. A high foaming, neutral pH, general purpose cleaner.

**Active:** Detergent

**Use:** Poultry facilities, hatcheries, swine facilities

**Activity:** All purpose, high foaming detergent

**Application:** Foaming, immersion, spraying, and mopping

Item No.	Description	Case Ct.	Pallet Qty.
417080/1	Quik Clean + 1 gal	4	192
417081/5	Quik Clean + Pine 5 gal pail	1	48



417080/1 - 1 gal

E



# Insect Control



# Prozap® Insect Control Products

Prozap provides a complete line of aerosols, ready-to-use liquids, concentrates and dust products to meet the needs of livestock producers, horse owners, and pet owners alike. Whether you are spraying your yard for mosquitoes, controlling horn flies on cattle or combatting pesky stable flies on horses, Neogen's Prozap line has you covered. Utilizing proven active ingredients including Pyrethrin, Permethrin and Vapona, Prozap provides the end user several choices of control to solve any insect problem.



## Aerosols

**A**

### LD-44Z

- LD-44Z Insect Fogger quickly knocks-down and kills flying and crawling insects
- Contains .5% Pyrethrin and 4% PBO
- Controls flies, mosquitoes, wasps, gnats, lady Asian beetles, roaches, spiders, plus 19 other flying and crawling insects
- For use in barns, milk rooms, parlors, stables, kennels and other buildings

Item No.	Description	Case Ct.	Pallet Qty.
1453510	Prozap LD-44Z Insect Fogger 20 oz	6	1020
1450010	Prozap LD-44Z Insect Fogger 25 oz	6	768



1450010 1453510

**B**

### Dy-Fly® Aerosol

- Dy-Fly Aerosol Insecticide provides instant knock-down and kill of flying and crawling insects in homes and on farms
- Contains .5% Pyrethrin and 5% PBO
- For use as a premise spray or directly on animals
- Controls flies, mosquitoes, gnats, moths, ants, hornets, wasps, spiders, roaches and other insects
- For use in dairies, animal quarters, milk rooms and poultry houses
- Approved for use in homes and food processing areas

Item No.	Description	Case Ct.	Pallet Qty.
0693510	Prozap Dy-Fly Dairy Aerosol 20 oz	6	1020
0690010	Prozap Dy-Fly Dairy Aerosol 25 oz	6	768



0690010 0693510

**C**

### CT-75 Dairy Aerosol

- Contains .7% Pyrethrins, 5% PBO
- For use as a fogger in milking parlors, milk rooms, barns, food processing areas and in stored product spaces
- Can be used around, and directly on, lactating and non-lactating dairy cattle
- Controls house flies, horn flies, stable flies, gnats, mosquitoes, small flying moths and other insects

Item No.	Description	Case Ct.	Pallet Qty.
0720210	Prozap CT-75 Dairy Aerosol 26 oz	6	768



0720210



# Prozap® Insect Control Products (continued)

## Aerosols (continued)

(A)



1002520

### (A) Screw Worm and Ear Tick Aerosol

- Prozap Screw Worm / Ear Tick Aerosol provides wound protection from flies and maggots
- Contains .5% Permethrin
- Contains violet marking dye to indicate treated animals and uniform coverage
- Controls maggots, flies, screw worms, ticks (including ear ticks), gnats, lice and other insects
- For use on beef cattle, dairy cattle, goats, sheep, hogs and horses

Item No.	Description	Case Ct.	Pallet Qty.
1002520	Prozap Screw Worm and Ear Tick Aerosol 12 oz	12	1080

(B)



CT89500-kit



CT89500

### (B) Pro-Mist'r Metered Dispenser

- Automatic indoor insect killer
- Features power switch display, 24 hour or day only operation and three spray interval selections
- When set at 15 minute intervals will provide up to 30 days of coverage per refill
- Accepts most metered aerosols
- Uses "D" size batteries
- Kit contains one metered LD-44T insecticide and one ProMist'r Dispenser

Item No.	Description	Case Ct.	Pallet Qty.
CT89500	ProMist'r Dispenser	6	600
CT89500-kit	ProMist'r Dispenser & LD-44T Kit	6	378

(C)



0073010

### (C) LD-44T™ Metered Insecticide Refill

- Contains 1% Pyrethrins, 2% PBO and 3% 264
- 6.5 oz can lasts up to 30 days in the Pro-Mist'r Metered Dispenser
- Covers 6,000 cubic feet of space
- Fits most automatic dispensers
- Controls flies, mosquitoes, gnats and moths
- For use in restaurants, food warehouses, kennels, dairies, barns and other locations

Item No.	Description	Case Ct.	Pallet Qty.
0073010	Prozap LD-44T Metered Insecticide Refill 6.5 oz	12	1200

(D)



OCB3040 OCB3010 OCB3030 OCB3020

### (D) Air Freshener Refill

- Prozap Air Freshener chemically attacks and destroys odor molecules
- Destroys odors associated with humans, animals, food and human habitation
- Leaves the area with a fresh fragrance and clean smell
- For use in the Pro-Mist'r metered dispenser (CT89500)

Item No.	Description	Case Ct.	Pallet Qty.
OCB3010	Prozap Air Freshener Baby Fresh 6.1 oz	12	1200
OCB3020	Prozap Air Freshener Citrus 6.1 oz	12	1200
OCB3030	Prozap Air Freshener Mango 6.1 oz	12	1200
OCB3040	Prozap Air Freshener Bouquet 6.1 oz	12	1200



# (continued) Prozap® Insect Control Products

## Concentrates

### **E** Insectrin® X Concentrate

- Insectrin X Concentrate is a broad spectrum, multi-use insecticide that kills fast and has residual action
- Contains 10% Permethrin
- For use on livestock, animal premises, lawns and ornamentals
- Approved for use on lactating and non-lactating dairy cattle
- Mix with water or oil for use as a spray
- Mix with oil for cattle backrubber use to control horn flies, face flies, horseflies, ticks and ear ticks

Item No.	Description	Case Ct.	Pallet Qty.
1038510	Prozap Insectrin X Concentrate 8 oz	12	2880
1037510	Prozap Insectrin X Concentrate 32 oz	6	660
1037010	Prozap Insectrin X Concentrate 1 gal	4	192



**D**

### **F** Vapona 400E Concentrate

#### RESTRICTED USE

- Contains 41.4% DDVP (Vapona)
- For use on beef and dairy cattle and their premises to control flies, gnats and mosquitoes
- For use as a fog and mist in outdoor applications and in non-food warehouses

Item No.	Description	Case Ct.	Pallet Qty.
0176010	Prozap Vapona 400E (HAZMAT) 2.5 gal <b>Restricted Use</b>	2	78



0176010

**F**

### **G** Evergreen Pro 60-6

- Multi-purpose insecticide that contains pyrethrins, a botanical insecticide
- Contains 6% Pyrethrins and 60% PBO
- For use on growing crops, ornamentals, stored products and to kill fruit flies on harvested fruits and vegetables
- For use in barns, dairies, milking parlors, milk rooms and poultry houses
- For use as a livestock and poultry spray
- Controls most flying and crawling pests

Item No.	Description	Case Ct.	Pallet Qty.
5069510	Evergreen Pro 60-6 32 oz	6	480



5069510

**G**

### **H** PyGanic Livestock and Poultry Insecticide

- OMRI-certified organic pyrethrum concentrate
- Contains 1.4% Pyrethrins
- Controls most flying and crawling pests on livestock and poultry and in pet quarters or pet bedding
- For use as a livestock and poultry spray
- For use in barns, dairies, milking parlors, milk rooms and poultry houses

Item No.	Description	Case Ct.	Pallet Qty.
7047510	Prozap PyGanic Livestock Spray 32 oz	6	660



7047510

**H**





## EQUINE FLY PROTECTION



Sweat and Water Proof formula

### Fly-Die Ultra Equine Spray

- Kills and repels flies, ticks, gnats and mosquitoes, including those that may transmit West Nile Virus
- Contains 0.2% Permethrin, 0.1% Pyrethrin, and 0.5% MGK 264
- Sweat and water resistant formula provides protection during heavy workouts, even in hot humid weather
- Lasts up to 14 days

Item No.	Description	Case Ct.	Pallet Qty.
1887530	Prozap Fly-Die Ultra Equine Spray 32 oz	12	Special Request



## BE ADVENTURE READY

From barn to competition, pasture to show, Prozap® protects your horse from nuisance and disease-carrying insects. With five unique formulas, including the newly released **Fly-Die Ultra sweat proof** formula, Prozap keeps your horse protected — regardless of your adventure.



## (continued) Prozap® Insect Control Products

### Ready-To-Use Equine

#### **A** Final-Fly-T® with Lanolin & Citronella

- Ready-To-Use equine wipe-on and spray with citronella and coat conditioners
- Contains .1% Pyrethrins, 1% PBO and 15% Stabilene
- For use as a grooming aid to bring out a lustrous sheen
- Kills and repels horse flies, deer flies, stable flies, horn flies, house flies, face flies, mosquitoes and gnats

Item No.	Description	Case Ct.	Pallet Qty.
1597510	Prozap Final-Fly-T 32 oz	12	528
1597010	Prozap Final-Fly-T 1 gallon	4	192



#### **B** Fly-Die Equine Spray

- Ready-To-Use pyrethrin and permethrin formula that kills and repels stable flies, horse flies, deer flies and face flies on horses and foals
- Contains .5% Pyrethrins, .5% PBO and .05% Permethrin and contains oil of citronella
- Contains aloe and lanolin for coat conditioning and leaves a high sheen when brushed out
- Controls fleas and ticks on dogs for up to 14 days

Item No.	Description	Case Ct.	Pallet Qty.
1777520	Prozap Fly-Die Equine Spray 32 oz	12	528



1777520

#### **C** Fly-Die Defense™

- Synergized Ready-To-Use equine fly spray with goldshine technology
- Contains .025% Pyrethrins, .25% PBO and .5% DDVP (Vapona)
- Controls face flies, house flies, stable flies, mosquitoes and gnats on horses and foals

Item No.	Description	Case Ct.	Pallet Qty.
1067520	Prozap Fly-Die Defense 32 oz	12	528



1067520

Insect Control

## Did You Know?

Mosquitoes are vectors of numerous diseases including malaria, dengue fever, yellow fever, encephalitis, chikungunya, West Nile virus and Zika virus.





## EQUINE FLY PROTECTION

### War Paint® Insecticidal Paste

- War Paint Insecticidal Paste protects horses from the ravages of biting flies
- Contains 7% Permethrin, 14% PBO and 21% 264
- Simply apply clay-based insecticidal paste to areas of fly congregation on the horse to provide extended protection
- Kills and repels face flies, horn flies, stable flies, house flies, black flies and bot flies
- Effectively controls insects for up to 14 days
- Comes in 12 tube shelf display

Item No.	Description	Case Ct.	Pallet Qty.
1859510	Prozap War Paint Insecticidal Paste 96 g	12	1320



## BE ADVENTURE READY

Prozap® War Paint provides horses and foals long-term protection from harmful biting insects. The clay-based paste adheres to the hair and slowly releases insecticide over a period of weeks for complete protection. The unique applicator will not clog or pull hair like roll-on products. Once the paste is dry, it will not wash off easily making War Paint ideal for extended turn out or protection on the trail. **Protect your horse while on your next adventure with Prozap War Paint.**

# (continued) Prozap® Insect Control Products

## Ready-To-Use Livestock

### A Aqueous Fly Spray

- Ready-To-Use water based insecticide for use on horses and cattle to control flies, mosquitoes and gnats
- Contains 1% Pyrethrins and 1% PBO
- Leaves no oily residue
- For use as a spray or fog in barns, stables, kennels, food processing areas and homes to control roaches, ants, silverfish, spiders and other insects

Item No.	Description	Case Ct.	Pallet Qty.
1217010	Prozap Aqueous Fly Spray 1 gal	4	192
1216010	Prozap Aqueous Fly Spray 2.5 gal	2	72



### B Insectrin® CS

- Insectrin CS is an oil-based ready-to-use insecticide for effective control of flies, lice, sheep keds, mosquitoes and ticks on beef cattle, dairy cattle, horses and sheep
- Contains 7.4% Permethrin and 7.4% PBO
- Ready to use as a pour-on, wipe-on and spray on animals or as a spot or premise spray
- Mix with mineral oil for backrubber use on cattle
- Approved for use on lactating dairy cattle
- 30 mL Prima pour-on gun with combi-cap system included in cases of 1 gal and 2.5 gal

Item No.	Description	Case Ct.	Pallet Qty.
0518010	Prozap Insectrin CS 16 oz	12	1224
0517010	Prozap Insectrin CS 1 gal w/ 30 mL Pour-on Gun	4	192
0516010	Prozap Insectrin CS 2.5 gal w/ 30 mL Pour-on Gun	2	72



### C Insectrin® 1% Pour-On Xtra

- Ready-To-Use as a pour-on, spray or mist
- Contains 1% Permethrin and 1% PBO
- For use on lactating and non-lactating dairy cattle, beef cattle and calves
- Controls lice, horn flies, face flies, horse flies, stable flies, house flies, mosquitoes and black flies
- Mix with mineral oil for use with backrubbers
- For use on sheep to control sheep keds and lice
- Use as a spot spray or premise spray in and around animal premises, kennels and outside meat processing premises

Item No.	Description	Case Ct.	Pallet Qty.
1517010	Prozap Insectrin 1% Pour-On Xtra 1 gal	4	192
1516010	Prozap Insectrin 1% Pour-On Xtra 2.5 gal	2	72



Insect Control



# Prozap® Insect Control Products (continued)

## Ready-To-Use Livestock

(A)



0896010

### (A) Backrubber and Pour-On

- Ready-To-Use permethrin insecticide to be applied directly or with the use of back rubbers to livestock
- Contains .125% Permethrin
- For use on beef cattle, dairy cattle (lactating and non-lactating) and swine
- Controls flies, mosquitoes, ticks and lice

Item No.	Description	Case Ct.	Pallet Qty.
0896010	Prozap Backrubber and Pour-On 2.5 gal	2	72

(B)



0966010

### (B) Backrubber and Pour-On Xtra

- Ready-To-Use synergized insecticide to be applied directly or with the use of back rubbers to livestock
- Contains .125% Permethrin and .125% PBO
- For use on beef cattle, dairy cattle (lactating and non-lactating) and swine
- Controls flies, mosquitoes, ticks and lice

Item No.	Description	Case Ct.	Pallet Qty.
0966010	Prozap Backrubber and Pour-On Xtra 2.5 gal	2	72

Use Backrubber and Pour-On and Backrubber and Pour-On Xtra with Bovi-Rub on pg. 34

(C)



1146010

1147010

### (C) Beef and Dairy RTU

- Ready-To-Use animal and premise Vapona insecticide that can be applied by spray or fog
- Contains 1% Vapona
- For use on beef cattle, dairy cattle (lactating and non-lactating), goats, sheep, swine and horses
- For use in and around horse barns, dairy barns, shelters, stables, milk rooms, poultry houses, feedlots and stockyards
- Controls horn flies, house flies, stable flies, face flies gnats and mosquitoes

Item No.	Description	Case Ct.	Pallet Qty.
1147010	Prozap Beef and Dairy RTU 1 gal	4	192
1146010	Prozap Beef and Dairy RTU 2.5 gal	2	72

## Did You Know?

Horn flies are one of the most economically important pests in domestic cattle. Horn flies cause billions of dollars of damage and loss to the cattle industry each year. They are blood feeders and their bites are painful - in large numbers, horn flies will affect the health and productivity of cattle.



# (continued) Prozap® Insect Control Products

## Ready-To-Use Livestock

### D Dairy Cattle Spray

- Ready-To-Use fly spray for use on lactating and non-lactating dairy cattle
- Contains .05% Pyrethrins, .1% PBO and .5% DDVP (Vapona)
- Controls flies, mosquitoes, gnats and lice

Item No.	Description	Case Ct.	Pallet Qty.
1576010	Prozap Dairy Cattle Spray 2.5 gal	2	72



D

1576010

### E Dairy and Ranch Insect Spray

- Dairy and Ranch Insect Spray is a versatile Ready-To-Use oil-based animal and premise spray
- Contains .1% Pyrethrins and 1% PBO
- For use on dairy cattle (lactating and non-lactating), beef cattle, calves and their premises
- May also be fogged
- Provides rapid knockdown and kill of flies, gnats and mosquitoes

Item No.	Description	Case Ct.	Pallet Qty.
1536010	Prozap Dairy and Ranch Spray 2.5 gal	2	72



E

1536010

### F VIP Insect Spray

- Ready-To-Use animal and premise spray that contains Vapona and Synergized Pyrethrins
- Contains .025% pyrethrins, .25% PBO and .5% DDVP (Vapona)
- Kills and repels horn flies, house flies, mosquitoes and gnats
- For use on cattle, horses and their premises

Item No.	Description	Case Ct.	Pallet Qty.
1087010	Prozap VIP Insect Spray 1 gal	4	192
1086010	Prozap VIP Insect Spray 2.5 gal	2	72



F

1086010

1087010

### G Fly-Die GPS

- Ready-To-Use formula with citronella
- Contains .5% Permethrin
- Kills and repels flies, mosquitoes and gnats on cattle, goats, sheep, hogs and horses
- Controls fleas, ticks and lice on dogs
- Provides 60-day control of cock roaches, spiders, ants and other insects when used as a spot surface or crack and crevice spray

Item No.	Description	Case Ct.	Pallet Qty.
1487520	Prozap Fly-Die GPS 32 oz	12	528
1486520	Prozap Fly-Die GPS 1 gal	4	192



G

1486520

1487520

Insect Control





# What's lurking in your water?

## Safely eliminate mosquitoes right where they breed

Mosquitoes can be a major threat to livestock, humans and pets through transmission of diseases like West Nile Virus, Zika Virus, Eastern Equine Encephalitis, Dengue, Chikungunya and heart worm disease.

- ⊕ Easy-to-use granules sink to the bottom and treat the entire column of water
- ⊕ Safe for livestock, pets and humans exposed to treated areas
- ⊕ Prevents larva from developing into breeding, biting adults
- ⊕ Single treatment provides 30 day control
- ⊕ One tablespoon will treat 600 gallons of water

Available in 1 lb jar with scoop and 2.5 lb container with a shaker top for easy application.

## LARVAGUARD

Mosquito Larvicide Granules

NEW for 2018



### Prozap LarvaGuard Mosquito Larvicide Granule

Prozap's LarvaGuard is a convenient, easy to use granule designed to provide 30 day control of mosquito larva in containerized water - the ideal mosquito breeding site. The use of methoprene inhibits mosquito larva from developing into breeding, biting adults. Slow release granules sink to the bottom and provide treatment of the entire column of water, not just the surface.

Ideal for using in containerized water gardens, ornamental ponds, clogged rain gutters, old tires, bird baths, livestock/horse watering troughs and other areas of standing water. Safe for livestock, pets, fish, and birds.

Item No.	Description	Case Ct.	Pallet Qty.
5129710	Prozap LarvaGuard Mosquito Larvicide Granule 1 lb	12	1200
5129810	Prozap LarvaGuard Mosquito Larvicide Granule 2.5 lb	12	576

# (continued) Prozap® Insect Control Products

## Dust & Granule

### A Garden and Poultry Dust

- Permethrin dust for use on poultry, garden plants and vegetables
- Contains .25% Permethrin
- Controls northern fowl mites and lice on poultry and in poultry houses
- Controls aphids, bag worms, Japanese beetles, stinkbugs, Colorado potato beetle and most vegetable crop insects
- Also controls ants
- Easy to use 2 lb. shaker container

Item No.	Description	Case Ct.	Pallet Qty.
1499540	Prozap Garden and Poultry Dust Shaker 2 lb	12	840



1499540

### B Insectrin® Dust

- Ready-to-use dust for direct application on animals, poultry and bedding
- Contains .25% Permethrin
- Controls face flies, horn flies, northern fowl mites, lice, fleas and ticks
- For use on beef cattle, dairy cattle, horses, swine, poultry, and dogs
- Easy to use 2 lb. shaker container

Item No.	Description	Case Ct.	Pallet Qty.
1499530	Prozap Insectrin Dust Shaker 2 lb	12	840



1499530

### C Dust Bag Kit

- The Prozap Dust Bag kit comes with a refillable dust bag and 12.5 pound Insectrin Dust cartridge of .25% Permethrin
- Canvas Dust Bag that can be hung for direct application to animals
- Controls face flies, horn flies, northern fowl mites, lice, fleas and ticks
- For use on beef cattle, dairy cattle and swine

Item No.	Description	Case Ct.	Pallet Qty.
1499610	Prozap Insectrin Dust Bag Kit	2	80



1499610

### D Insectrin® Dust Refill

- The Insectrin Dust Refill contains .25% Permethrin for use with the Dust Bag for direct application to animals
- Controls lice, flies, northern fowl, mites, fleas, and ticks found in bedding, cracks, and crevices
- For use on beef cattle, dairy cattle and swine

Item No.	Description	Case Ct.	Pallet Qty.
1499510	Prozap Insectrin Dust 2-Pack 12.5 lb (2 pack)	1	50
1499550	Prozap Insectrin Dust Bulk 20 lb Pail	1	80



1499510

1499550

### E Dust Bags

- High quality Dust Bag can be hung for direct application to animals
- Easy to fill with Insectrin Dust

Item No.	Description	Case Ct.	Pallet Qty.
5029510	Prozap Dust Bag 1 bag	10	360



5029510



# Prozap® Insect Control Products (continued)

## Other

(A)



(A)

### Insect Guard

- Easy-to-use pest strip for use in general spaces
- 18.6% Vapona for fast and effective control
- Kills flies, gnats, mosquitoes, moths and various crawling insects
- Controls insects up to 4 months
- One Insect Guard strip treats up to 1200 cubic feet
- For use in un-occupied areas in the home, such as garages, attics, crawl spaces, sheds and basements
- For use in barns, stables, tack rooms, kennels, and other farm buildings
- Controls pests in raw grain bulk storage and garbage collection areas

Item No.	Description	Case Ct.	Pallet Qty.
5019510	Prozap Insect Guard 80 g	12	1536
5019520	Prozap Insect Guard 80 g 4x12 Clip Strip	48	1440
5019530	Prozap Insect Guard 80 g 85 pack bulk	85	3400

(B)



(B)

### Prozap® Bovi-Rub

The Prozap Bovi-Rub back rubber is designed for effective and economical control of flies, grubs, lice and ticks on cattle and other livestock. Superior insecticide charging with wicking action allows for low-stress application of insecticides on cattle and other livestock. Hang near water, mineral feeders or in alley ways to encourage use. Initially charge the Bovi-Rub back rubber with 2.5 to 5 gallons of solution and recharge as necessary to maintain wetness. Use Prozap insecticides for optimal results.

Item No.	Description	Case Ct.	Pallet Qty.
5079610	Prozap Bovi-Rub 10 ft	2	40
5079710	Prozap Bovi-Rub 5 ft	4	64

(C)



(C)

### Prozap® Bovi-Bullets

The Prozap Bovi-Bullet face rub is designed for effective and economical control of face flies, horn flies, lice and ticks on cattle and other livestock. With a metal ring for easy hanging, the Bovi-Bullet is ideal for use in mineral feeders. Superior insecticide charging and wicking action allows for low-stress application of insecticides on cattle. Initially charge the Bovi-Bullet with 1 liter of solution and recharge as necessary to maintain wetness. Use Prozap insecticides for optimal results.

Item No.	Description	Case Ct.	Pallet Qty.
5079810	Bovi-Bullet 18 in	4	72

(D)



(D)

### Prozap® Bovi-Strips

The Prozap Bovi-Strips face flaps are designed for use with the Bovi-Rub for effective and economical control of face flies, horn flies, lice and ticks on cattle and other livestock. Simply tie the Bovi-Strips to the Bovi-Rub for additional insecticide application to the face and sides of cattle and other livestock. Superior wicking action allows for low-stress application of insecticides. Use Prozap insecticides for optimal results.

Item No.	Description	Case Ct.	Pallet Qty.
5079910	Bovi-Strips 22/bx	10	40



# Catchmaster Fly Control Products

Neogen offers a complete line of insect control solutions for residential and commercial settings including solutions for horses and other livestock within barns, stables, kennels and more. Flying and crawling insects can contaminate food and feed, spread disease and decrease productivity through stress. With the trusted and proven products under the brand names of Prozap, Catchmaster and Rockwell, Neogen has solutions to fit your needs and increase your bottom line.

Catchmaster products offer effective and economical ways to control flies and other insects using non-toxic, safe, glue-based tapes and traps. The Catchmaster brand represents the gold standard of quality and consistency, providing new and innovative pest management solutions at a reasonable price.



## E Gold Stick™ Fly Traps

- Contains a very effective attractant designed to attract multiple fly species using a combination of food baits
- Attractants are incorporated into the glue, and include a cherry scent
- The color gold has been proven to draw flies, and the reflective properties of the metallic surface causes an "open window of light" effect

To use, simply place traps on window sills or hang them vertically. For use in homes, garages, offices, stables, barns and near garbage cans or containers. Traps may also be used in USDA and FDA inspected facilities.

Item No.	Description	Case Ct.	Pallet Qty.
963	Gold Stick 24" with bait packed 12 traps/display case	12	360
912	Gold Stick 10½" with bait packed 6 traps/display case	6	Special Request



E

## F Fly Bag Trap

Our Fly Bag Trap is easy to use, just add water and the attractant dissolves. Specially formulated lure is designed to attract a broad range of fly species and is long-lasting. Features a safety locking cap. Comes packaged in a gravity-fed display.

Item No.	Description	Case Ct.	Pallet Qty.
975-12	Fly Bag Trap	12	1152



F

# Did You Know?

At least 50 people die each year as a result of insect stings.



# Catchmaster Fly Control Products (continued)

**A**



## **A** Spider Web™ Fly Glue Trap

One Spider Web trap can catch more than 100,000 flies! With over 6,000 square inches of surface area, this double-sided fly trap was designed to tackle the most severe fly infestations. Attractants include food grade, multi-bait, and fluorescent chartreuse color. University tests have shown that when the Spider Web Fly Glue Trap is used at a rate of one trap per 600 square feet, high infestation areas were able to achieve 70–80% control without any use of pesticides.

Item No.	Description	Case Ct.	Pallet Qty.
930	Spider Web Fly Glue Trap	12	768

**B**



## **B** GLOstik Flying Insect Trap

The GLOstik Flying Insect Trap is designed to attract mosquitoes, flies and other common flying insects. Attracts insects with LED light and silently traps them on the adhesive coated tube. The GLOstik can deliver 200+ hours of performance on a single set of batteries. The reusable base with the high efficiency LED light bulb can last up to 10,000 hours.

Item No.	Description	Case Ct.	Pallet Qty.
908	GLOstik Flying Insect Trap	6	504
908FD	GLOstik 12/pk Floor Display	1	Special Request

**C**



## **C** Giant Fly Trap Roll

One-sided adhesive sheet with 3,600 square inches of fly catching surface. Each roll is 30' long and features a pre-baited scent as well as an alluring fluorescent chartreuse color. Use in animal health facilities, barns, waste rooms and other high infestation areas.

Item No.	Description	Case Ct.	Pallet Qty.
931	Giant Fly Trap Roll	12	144

**D**



## **D** Giant Fly Glue Trap

One-sided adhesive board with capacity to hold thousands of flies. 24" x 12". For use in stables, barns, restaurants and homes. Environmentally safe, non-poisonous, long lasting and easy to use.

Item No.	Description	Case Ct.	Pallet Qty.
948	Giant Fly Glue Traps 48/pk	1	Special Request



# Insect Control Products

## Gel Bait

### **E** InVict™ Gold Cockroach Gel

#### Hazard Tier 3 Pesticide

Get lightning fast control of cockroaches with InVict™ Gold Cockroach Gel. Formulated with a unique bait matrix and 2.15% imidacloprid, this bait achieves outstanding palatability, value and results, giving you an unfair advantage. Kills quickly with proven secondary kill from droppings and carcasses. Formulated without the eight most common food allergens for sensitive applications in schools, health care facilities, etc. Comes in a 300 gram "Big Gun" tube that fits standard caulking guns.



Item No.	Description	Case Ct.	Pallet Qty.
ICGG300	InVict Gold Cockroach Gel 300 g Tube	12	1108

## Paste

### **F** InVict™ AB Insect Paste 300 g Syringe

#### Hazard Tier 1 Pesticide

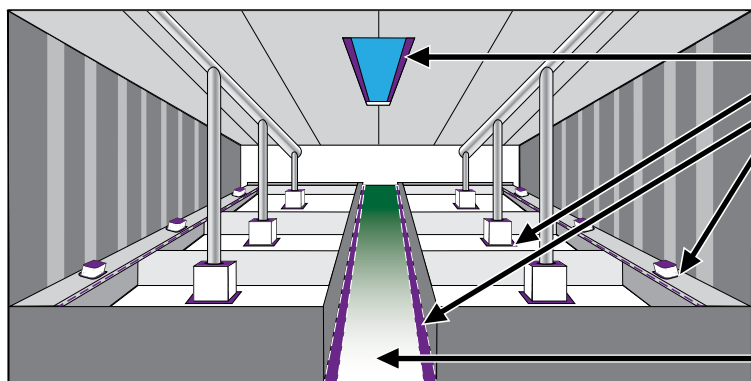
InVict™ AB Insect Paste is a highly effective, multi-use bait for ants, cockroaches and silverfish. Formulated with .05% Abamectin and combined with a range of sweet, oil and protein attractants, InVict™ AB Insect Paste provides exceptional control and unmatched convenience. For indoor and outdoor applications including food areas. Comes in a 300 gram "Big Gun" tube that fits standard caulking guns.



Item No.	Description	Case Ct.	Pallet Qty.
IABP300	InVict AB Insect Paste 300 g Syringe	12	1108

## What's Your Roach Approach?

Suggested bait placement inside swine housing



**InVict**  
*Gold*  
cockroach gel

**InVict**  
AB  
insect paste

Applied in areas where roaches congregate  
**Rotate every 3 months**

**InVict**  
*Xpress*  
granular bait

Sprinkle along edges of walkways and walls



# Insect Control Products (continued)

## Granular Bait

(A)



**(A) InVict™ Xpress Granular Bait**  
Hazard Tier 1 Pesticide

InVict™ Xpress Granular Bait delivers lightning fast kill of a broad spectrum of insects like ants, cockroaches, crickets, mole crickets, silverfish, firebrats and earwigs. With the power of .5% imidacloprid and the irresistibility of this bait matrix you'll see the carnage quickly and you'll have the "Unfair Advantage". Developed for indoor, outdoor and turf use.

Item No.	Description	Case Ct.	Pallet Qty.
IXGB025	InVict Xpress Granular Bait 25 lb carton	1	55

(B)



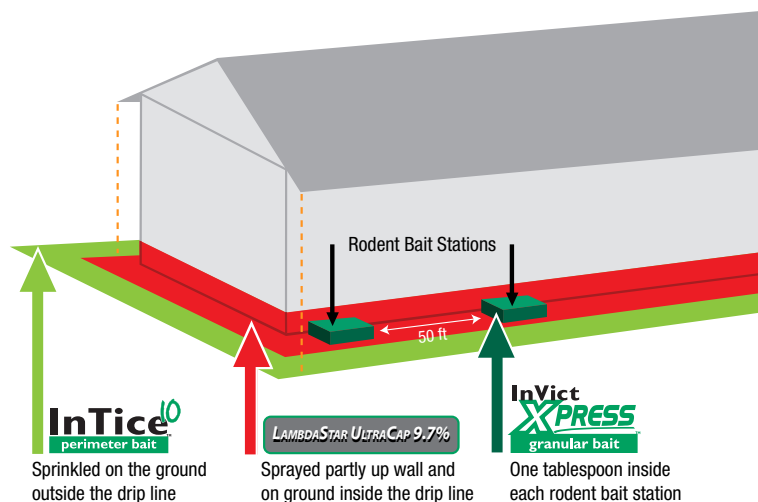
**(B) InTice™ 10 Perimeter Bait**  
Hazard Tier 3 Pesticide

InTice™ 10 Perimeter Bait™ is a mold and moisture resistant, effective and economical broad spectrum granular bait for indoor and outdoor use to control cockroaches, ants, crickets, earwigs, silverfish, millipedes, sow bugs and mole crickets. Application rates are cut in half with the exclusive formulation of 10% boric acid, saving time and money for the service professional. Ideal for perimeter and turf use and can last for up to 90 days.

Item No.	Description	Case Ct.	Pallet Qty.
ITPB040	InTice 10 Perimeter Bait 40 lb carton	1	36

## What's Your Roach Approach?

Suggested bait placement on exterior of a swine facility



## (continued) Insect Control Products

### Concentrates

#### **C** EcoVia EC (Emulsifiable Concentrate)

EcoVia EC fills the need for a highly effective, broad spectrum insecticide while meeting customer and regulatory demands for a green solution. Created through a rigorous research and development process, EcoVia EC has been extensively tested in the lab and proven in the real world. The botanical oils in EcoVia EC were specifically chosen for their efficacy on a wide range of pest species both indoors and out. EcoVia EC provides the ultimate in application flexibility with no pyrethroid or neonicotinoid application restrictions and is NOP Compliant. A winning combination of efficacy and flexibility in a minimum risk product. Excellent for mosquito and tick applications.

Item No.	Description	Case Ct.	Pallet Qty.
EVEC016	EcoVia Botanicals 16 oz	12	1080
EVEC064	EcoVia Botanicals 64 oz	4	240



EVEC016

EVEC064

#### **D** LambdaStar Ultra Cap 9.7% Insecticide

LambdaStar™ UltraCap™ 9.7% is a microencapsulated lambda-cyhalothrin in an easy to mix formulation which features superior encapsulation for extended residual protection. For use indoors, including food areas, and outdoors, including structural, turf and ornamental as well as livestock housing sites.

Item No.	Description	Case Ct.	Pallet Qty.
LGLU016	Squeeze N' Measure LamdaStar UltraCap 9.7% 16 oz	12	600



LGLU016

### Dust

#### **E** EcoVia WD (Wettable Dust)

EcoVia WD is a highly effective, broad spectrum insecticide that provides extended residual protection in a versatile botanical solution. EcoVia WD is a FIFRA 25(b) exempt insecticide that was created through extensive scientific research and has been proven in the real world. EcoVia WD provides the ultimate in application flexibility as a dust or as a wettable powder with no pyrethroid or neonicotinoid application restrictions. A winning combination of efficacy and flexibility in a minimum risk NOP Compliant product, EcoVia WD provides PMPs an Unfair Advantage.

Item No.	Description	Case Ct.	Pallet Qty.
EVWD008	EcoVia WD Puffer 8 oz Bottle	12	720
EVWD002	EcoVia WD 2 lb Pail	4	144



EVWD002

EVWD008

## Did You Know?

Cockroaches are known to spread 33 kinds of bacteria, including E. coli and Salmonella species, six types of parasitic worms and seven kinds of human pathogens.



# Rodent Control



# Diphacinone Bait

# Ramik

## 1st generation anticoagulant: Diphacinone

- Death may occur within 4-5 days after a lethal dose is consumed
- Ramik Green rodenticides are formulated without wax for high palatability and weatherability
- Food quality grain mix
- Configurations include nuggets, mini bars, bars and bait packs



### A Ramik® Green

The Ramik Green bait system uses food processing technology to produce an unusually palatable and highly-attractive bait that retains its freshness, sweetness and effectiveness in a long-lasting nugget form. Nuggets are hot-extruded so they are weather-resistant without the use of wax.

#### Ramik Green, 1/2"

Item No.	Description	Case Ct.	Pallet Qty.
116336	4 lb resealable pouch	4	180
116339	Ramik Display 15 x 4 lb resealable pouches (display)	1	10

#### Ramik Green, 3/16"

Item No.	Description	Case Ct.	Pallet Qty.
116300	20 lb bucket	1	36
116303	50 lb box (bulk)	1	36



A

### B Ramik® Green Bait Packs and Mini Bait Packs

Ramik Green nuggets in convenient, ready-to-use bait packs. No need to touch bait; rodents will gnaw open the packs.

#### Ramik Green Bait Packs, 1/2"

Item No.	Description	Case Ct.	Pallet Qty.
116341	16 x 4 oz bait packs (4 lb) resealable pouch	4	180
116305	60 x 4 oz bait packs (15 lb) bucket	1	36

#### Ramik Green Mini Bait Packs, 3/16"

Item No.	Description	Case Ct.	Pallet Qty.
116316	45 x 1.5 oz bait packs (4 lb) bucket	4	128
116319	300 x 1.5 oz bait packs (28 lb) bulk tub	1	36



B

### C Ramik® Bars - 16 oz bars

Ramik all-weather bar baits are manufactured utilizing a special proprietary extrusion process, where all the bait ingredients are fully blended, bonded and then shaped into weather-proof bait bars. A small amount of edible wax is added to allow uniform sized bars to be formed. Each 16 oz bar can be used whole, or easily broken into 4 oz pieces or 16 x 1 oz pieces.

Item No.	Description	Case Ct.	Pallet Qty.
116334	4 x 16 oz bars (4 lb) box	4	400



C

# Ramik® Diphacinone Bait (continued)

A



116331

116332

## A Ramik® Mini Bars - 1 oz bars

Ramik Mini Bars are ready to use, and perfect for making multiple bait placements by hanging on wire, pegging, or securing in bait station boxes. They are also just the right size to use in small openings where rodents live and travel.

Item No.	Description	Case Ct.	Pallet Qty.
116331	64 x 1 oz (4 lb) pouch	4	180
116332	64 x 1 oz (4 lb) pail	4	128
116345	144 x 1 oz (9 lb) pail	4	80
116350	320 x 1 oz (20 lb) bucket	1	36
116326	640 x 1 oz (40 lb) tub	1	36
116329	800 x 1 oz (50 lb) tub	1	36

B



000900

## B Ramik® Mouser Refillable Bait Station

The Ramik Refillable Bait Station is a great option for the homeowner looking for an effective rodent control solution. The package includes a refillable bait station and mini bars. The Ramik mini bars contain a proven and effective anticoagulant rodenticide and will be kept securely inside the bait station. The station's two small openings allow easy access for mice to enter and feed — but prohibit access to children.

- EPA compliant child resistant refillable bait station
- Contains Ramik Mini Bars
- Easy to use bait station
- Resealable pouch packaging displays great on the shelf and keeps the bait fresh

Item No.	Description	Case Ct.	Pallet Qty.
000800	Ramik Refillable Bait Station 8 oz	6	480
000900	Ramik Refillable Bait Station 16 oz	6	360

C



## C Ramik® Mouser Disposable Bait Station

Pre-baited disposable station

- Baited with 1oz Ramik Mini Bar
- Compliant with Tier IV bait station requirements
- Two openings for mice to readily enter and feed on bait inside

Item No.	Description	Case Ct.	Pallet Qty.
000600	Ramik Mouser Station 2-pack box	12	900

D



## D Ramik® Mole and Gopher

Ramik Mole & Gopher rodenticide utilizes the proven and effective Ramik green nugget bait form to control moles & pocket gophers in below-ground applications in lawns and flower beds.

Item No.	Description	Case Ct.	Pallet Qty.
116309	Ramik Mole and Gopher 1 lb jar	6	672

## (continued) Ramik Diphacinone Bait

### **E** Ramik® Ground Squirrel Bait

Ramik Ground Squirrel Bait utilizes the proven and effective Ramik green nugget bait form to control California ground squirrels. The Ramik Green bait system uses food processing technology to produce an unusually palatable and highly-attractive bait that retains its freshness, sweetness and effectiveness in a long-lasting nugget form. Nuggets are hot-extruded so they are weather-resistant without the use of wax. Ramik Ground Squirrel Bait does not require an operators license to apply.



**E**

Item No.	Description	Case Ct.	Pallet Qty.
116352	Ramik Ground Squirrel Bait 4 lb Pouch	4	180

### **F** Ramik® Green AG

The Ramik Green AG rodenticide combines superior palatability and weather resistance with the proven active ingredient diphacinone to control Norway rats, roof rats, house mice, California ground squirrels, pocket gophers, moles & voles in a wide variety of field applications.



**F**

Item No.	Description	Case Ct.	Pallet Qty.
116310	Ramik Green AG 20 lb Pail - <b>Restricted Use</b>	1	36
116320	Ramik Green AG 40 lb Tub - <b>Restricted Use</b>	1	36

116310

116320

### **G** Ramik® Brown

For the control of pine and meadow voles in apple, pear, peach and nectarine orchards and in nut orchards and Christmas tree farms, commercial nurseries and tree plantations. Also controls commensal rats and mice in terrestrial non-food / non-feed areas. Weather resistant bait form with apple flavoring.



**G**

Item No.	Description	Case Ct.	Pallet Qty.
0033370	Ramik Brown 50 lb carton - <b>Restricted Use</b>	1	36

### **H** Ramik® Oats

Ramik Oats is a food-grade bait that mimicks squirrels natural food source. For control of California ground squirrels ONLY.



**H**

Item No.	Description	Case Ct.	Pallet Qty.
116390	Ramik Oats 30 lb bucket - <b>Restricted Use</b>	1	36



# Brodifacoum Bait

# Havoc®

## Second generation anticoagulant: Brodifacoum

Brodifacoum is the strongest anticoagulant rodenticide available. Havoc products combine brodifacoum with a special mixture of highly attractive bait ingredients along with patented food processing techniques. The result is a superior, single-feed rodenticide in a unique bait delivery system.

- Controls Norway rats, roof rats and house mice —may kill both rats and mice in a single night's feeding
- Available in pellets, blocks and meal bait configurations



(A)



116393

(A)

### Havoc® Attack Blocks

- Highly palatable, second generation anticoagulant specially formulated for use by livestock and poultry producers.
- Unique blend of emulsifying agents that allow for a better blend (which equals higher palatability) of ingredients.
- All-weather bait block with great heat tolerance

Item No.	Description	Case Ct.	Pallet Qty.
116393	Havoc Attack Blocks 10 lb Bucket	4	80
116394	Havoc Attack Blocks 20 lb Bucket	1	36

(B)



116362

116361

(B)

### Havoc®-XT Blok

- Weather-resistant blocks
- Unique shape makes it easy for rats and mice to gnaw on
- Available in a resealable pouch, designed to maintain bait freshness
- Larger bulk sizes available for frequent use

Item No.	Description	Case Ct.	Pallet Qty.
116362	Havoc-XT Blok 8 lb resealable pouch	4	80
116361	Havoc-XT Blok 10 lb pail	4	80
116369	Havoc-XT Blok 20 lb pail	1	36

(C)



(C)

### Havoc® Place Packs

- Controls Norway rats, roof rats and house mice; rodents may consume a lethal dose in a single night's feeding
- Convenient, ready-to-use bait packs that rodents will gnaw open

Item No.	Description	Case Ct.	Pallet Qty.
116372	Havoc Place Packs 40 / 2 x 50 g /pk, 8.8 lb pail	4	80

## (continued) Havoc Brodifacoum Bait

### D Havoc® Rodenticide Bait

The food-grade ingredients in Havoc Rodenticide Bait provide superior palatability to deliver brodifacoum. This meal bait product contains food-grade ingredients, seeds and grains, which provide rodents a variety of textures and flavors.

- Specially formulated bait that includes highly palatable food-grade rolled oats
- Just a teaspoon amount will control house mice, Norway rats and roof rats
- Contains 0.005% Brodifacoum- strongest single feed second generation active available
- Meal baits are excellent for use where competing food or feed sources are present
- Use as a supplement to Neogen's recommended Rotational Baiting Strategy - during periods of heavy rodent infestation.

Item No.	Description	Case Ct.	Pallet Qty.
116395	Havoc Rodenticide Bait 25 lb Bag	1	80
116398	Havoc Rodenticide Bait 25 lb Pail	1	36
116396	Havoc Rodenticide Bait 50 lb Bag	1	40



## Neogen's 4-Step Rodent Control Program Control rats and mice in and around your facilities

### 1 Step One: PREVENT

*Clean, clear and implement preventative measures.*

- Eliminate debris and other harborage for rodents in and around the facility.
- Remove easily accessible rodent food sources, including spilled feed. Eliminating food sources increases the effectiveness of rodent baits.
- Clear/mow around the facility (~3 feet) to discourage rodents from entering.

### 2 Step Two: IDENTIFY

*Find the location and severity of the problem.*

- Examinations done at dawn or dusk work best.
- Are there fresh droppings, burrows, tracks or gnaw marks? Be sure to inspect ceilings, other elevated runways and facility grounds.
- Do you have rats, mice, or both?

### 3 Step Three: EXECUTE

*Implement baiting strategy according to target rodents and locations.*

- Outside:** Along the perimeter, place bait stations 15–30 feet apart for rats and 8–12 feet for mice. Use Havoc® Attack Blocks, CyKill™ Blocks, or DeciMax® Blocks and replace eaten bait at least weekly to start.

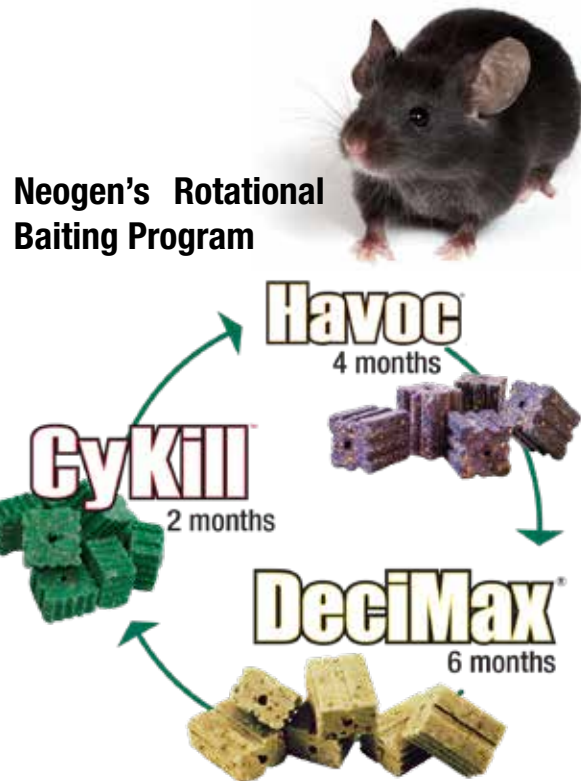
Determine areas where rats and mice will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, beside burrows, in corners and concealed places, between floors and walls, or in locations where rats or their signs have been seen. Protect bait from rain and snow. Remove as much alternative food as possible.

- Inside:** Chunk or block baits can be nailed or zip-stripped directly to overhead locations. Place packs should be placed in attics, ceilings, or other hard to access areas that rodents are using. Contact Neogen for more specific baiting suggestions.

### 4 Step Four: MONITOR

*Monitor the effectiveness of your program with record keeping.*

Frequency of baiting should change with increased activity.



# Bromethalin Bait

# CyKill™

Bromethalin was developed to combat a world-wide perceived problem of rodent resistance to warfarin-like anticoagulant rodenticides. A highly potent neurotoxin rodenticide that provides a lethal dose to rodents in a single feeding. Bromethalin attacks the central nervous system; rodents usually consume a lethal dose within a single night's feeding, with the first dead rodents appearing within 2 days.

Available in bait blocks, place packs and meal bait forms.

Acute Toxicant: Bromethalin

- Fast acting—bait today and see results tomorrow!
- Palatable bait is preferred over most feeds, food sources and competitive baits
- Single feed—rodents stop eating after lethal dose is consumed



**A**



**A**

### CyKill™ Place Packs (Pellets)

- Paper pouches contain pellets for effective rodent control
- No need to open pouches; rodents eat through the package
- Each pouch contains .75 oz of pelleted bait

Item No.	Description	Case Ct.	Pallet Qty.
112837	CyKill Pellets 100 x .75 oz / PP Pail	4	80

**B**



112830

**B**

### CyKill™ Blocks

- Multiple gnawing edges
- Highly palatable formulation
- Blocks may be placed in sewers and other damp environments

Item No.	Description	Case Ct.	Pallet Qty.
112825	CyKill Blocks 86 x .75 oz (4 lb) Pouch	4	180
112830	CyKill Blocks 192 x .75 oz (9 lb) Pail	4	80

**C**



112847

112840

**C**

### CyKill™ Rodenticide Bait

- Superior acceptance for use where competing food sources are present
- Food-grade ingredients provide rodents a variety of textures and flavors
- Supplement during periods of heavy rodent infestation

Item No.	Description	Case Ct.	Pallet Qty.
112840	CyKill Rodenticide Bait 4 lb jug	4	240
112847	CyKill Rodenticide Bait 12 lb pail	4	80

# Bromadiolone Bait

# DeciMax<sup>®</sup>

## Second Generation Anticoagulant: Bromadiolone

Neogen's newest rodenticide bait includes the active Bromadiolone, a proven and effective second generation active. Rats, mice and meadow voles may consume a lethal dose in a single night's feeding, with the first dead rodents appearing four or five days after feeding begins.



### D DeciMax<sup>®</sup> Blocks

- All-weather formulation reduces the risk of ruined bait
- Food grade ingredients including grains and seeds provide an irresistible formulation for effective control in most environments
- Ridges on 1 oz blocks encourages gnawing and improves consumption

Item No.	Description	Case Ct.	Pallet Qty.
116850	DeciMax Blocks 144 x 1 oz (9 lb) Pail	4	80
116855	DeciMax Blocks 288 x 1 oz (18 lb) Pail	4	36



### E DeciMax<sup>®</sup> Place Packs

- Place packs offer a convenient no-touch bait placement for hard to reach areas
- Pellets inside packs are formulated with food grade material to improve palatability
- 8 lb pail offers 86 - 1.5 oz place packs

Item No.	Description	Case Ct.	Pallet Qty.
116845	DeciMax Pellets (86 x 1.5 oz) PP (8 lb) Pail	4	80



### F DeciMax<sup>®</sup> Soft Bait

- Highly palatable soft bait manufactured with the highest quality food grade ingredients
- Soft baits are made without wax to ensure more active per placement and high acceptance
- High performance in cold or hot weather conditions
- 10 gram sachets are packaged inside plastic bags within pail to maintain freshness

Item No.	Description	Case Ct.	Pallet Qty.
116841	DeciMax Soft Bait 8 lb Pail	4	144
116840	DeciMax Soft Bait 22 lb Pail	1	48



# Warfarin Bait

# Rodex™

## 1st generation anticoagulant: Warfarin

Microencapsulated warfarin, a hydroxycoumarin anticoagulant rodenticide, is contained in all Rodex bait formulations. In early research trials, rat acceptance of microencapsulated warfarin baits was 3 to 10 times greater than uncoated warfarin baits. This anticoagulant is a multi-feed chronic rodenticide, and is considered the lowest hazard to non-target animals of any anti-coagulant rodenticide. Rodex bait formulations are available in pellets and blocks.



(A)



(A)

### Rodex™ Pelleted Bait-1

- Kills rats and mice; reduced risk to non-target animals
- Micro-encapsulated warfarin reduces bait shyness
- Available in a resealable pouch to maintain bait freshness

Item No.	Description	Case Ct.	Pallet Qty.
116348	Rodex Pelleted Bait-1 4 lb resealable pouch	4	180

(B)



(B)

### Rodex™ Blox-1™

- Kills rats and mice; reduced risk to non-target animals
- Micro-encapsulated warfarin block is moisture-resistant
- Each 1lb block breaks easily into smaller pieces
- Convenient "grab and go" 4 lb box

Item No.	Description	Case Ct.	Pallet Qty.
116349	Rodex Blox-1 4x16 oz bars	4	400



# Zinc Phosphide Bait



## Acute Toxicant: Zinc Phosphide

Zinc phosphide, a powerful acute rodenticide, is contained in all Prozap rodent bait formulations. These fast-acting baits are formulated with a special blend of processed grains that are especially appealing to rodents.

- Rapid and economical control of large infestations of mice or rats in and around livestock and poultry buildings; gophers can also be effectively controlled with direct burrow application
- Attractive protein concentrations
- Contains less dust than competitor formulations
- Pellets utilize a special hardening agent and can withstand up to 1½" of rainfall before melting
- Easily filters through vegetation
- Prozap's small pellet size is preferred by mice



### **C** Prozap Pellets Bulk 50 lb bag and 2,000 lb tote

- For spot treatments in and around buildings, orchards and groves, vineyards, rangeland and non-crop areas such as lawns, ornamentals, golf courses, parks and nurseries
- For control of voles, rats, and mice, prairie dogs, pocket gophers, kangaroo rats, and Columbian and Richardson's ground squirrels
- Available in 1/8" and 3/8" pellets
- Extensive use for field applications
- May also be used on no-till corn, cucurbits, Christmas tree nurseries, potato crops, and sugar beets

Item No.	Description	Case Ct.	Pallet Qty.
0077140	Prozap Pellets 3/8" 50 lb bag - <b>Restricted Use</b>	1	40
0077240	Prozap Pellets 3/8" 2,000 lb tote - <b>Restricted Use</b>	1	1
0283390	Prozap Pellets 1/8" 50 lb bag - <b>Restricted Use</b>	1	40
0283490	Prozap Pellets 1/8" 2,000 lb tote - <b>Restricted Use</b>	1	1



**C**

### **D** Prozap Rodent Pellets 12 lb pail

- For control of moles and gophers in and around buildings
- Fast acting; works within hours
- So effective that 1–3 pellets is fatal to small rodents

Item No.	Description	Case Ct.	Pallet Qty.
114600	Prozap Rodent Pellets 12 lb pail	4	80



**D**

### **E** Prozap Mole and Gopher Bait 1 lb jar

- Kills moles and gophers right where they live—direct baiting to underground burrows, tunnels and mounds
- Fast acting; works within hours
- Measuring scoop included for easy application

Item No.	Description	Case Ct.	Pallet Qty.
112845	Prozap Mole and Gopher Bait 1 lb jar	12	660



**E**

# Zinc Phosphide Bait (continued)

## Prozap® Zinc Phosphide Oat Bait

For spot treatments in and around buildings, orchards and groves, vineyards, rangeland and non-crop areas. For broadcasting by ground spreader or aircraft in non-bearing orchards, sugarcane fields and specified non-crop areas. For broadcasting by ground spreader in vineyards.

- Contains an attractive protein concentration of 14–22%
- Bait uses food-grade, steam-rolled oat groats for improved palatability
- Will not germinate
- Kiln dried process eliminates germination and kills bacteria and mold

**A**



**A**

### Prozap Oat Bait Bulk 50lb bag

- For control of mice, rats, voles, ground squirrels, pocket gophers and prairie dogs
- Extensive label for field applications
- Fast acting and extremely palatable to rodents

Item No.	Description	Case Ct.	Pallet Qty.
0002980	Prozap Oat Bait 50 lb bag - <b>Restricted Use</b>	1	40

**B**



**B**

### Prozap Rodent Oat Bait 1 lb jar

- For control of moles and gophers
- Easy to apply
- Requires only a minimal amount of bait to be effective

Item No.	Description	Case Ct.	Pallet Qty.
112855	Prozap Rodent Oat Bait 1 lb jar	6	792



# Traps & Bait Stations

Neogen's Ramik glue traps and glue boards offer a no-fuss option to firmly taking control of a rodent problem. All you need to do is place the ready-to-use glue traps and boards along rodent runways, and Ramik's combination of special attractants and powerful adhesive does the rest.

Neogen's mechanical single-catch snap traps and multi-catch traps are intended for the infrequent mouse in the house or minor rodent problem. Depending on the level of infestation, Neogen offers tried-and-true options to target one rodent at a time, or up to 12 at once using our multi-catch trap.

Neogen offers a variety of rodent bait stations to suit every need. All meet the rigorous U.S. EPA protocols for strength and are tamper-resistant for the safety of children, pets and other non-target animals.



## C Ramik® Glue Traps and Glue Boards

- Non-toxic, disposable and ready-to-use
- Traps without poisons
- Premium glue
- Individually packaged with J-hook boxes
- Ramik Glue Traps have a peanut scent that attracts rats and mice—no additional baits needed!

Item No.	Description	Case Ct.	Pallet Qty.
116220	Ramik Mouse Glue Traps 4 pk	12	2352
116230	Ramik Rat Glue Traps 2 pk	12	1440
940	Ramik Mice and Insect Glue Boards 4 pk	18	5040



940



116230

C

## D Ramik® Plastic Snap Traps

Catch mice—not your fingers! Ramik Snap Traps are easy to set and offer touch-free disposal of rodents.

- Available in two sizes: rat (large) and mouse (small)
- One-touch trap setting is easy to set
- Touch-free rodent disposal
- Fill deep bait well with food or nesting material
- Packaged in retail friendly J-hook boxes

Item No.	Description	Case Ct.	Pallet Qty.
116221	Ramik Mouse Snap Traps 2 pk	12	972
116231	Ramik Rat Snap Trap 1 pk	6	672



116221



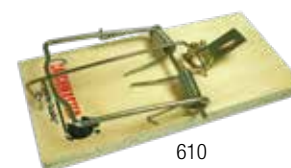
116231

D

## E Catchmaster® Wooden Snap Traps

A new twist on an old standby. Our heavy duty snap traps now feature expanded triggers to make baiting and setting a "snap".

Item No.	Description	Case Ct.	Pallet Qty.
602	Catchmaster Mouse Snap Traps 2 pk	36	6480
610	Catchmaster Rat Snap Traps 1 pk	12	6480



610

E

# Traps & Bait Stations (continued)



## A Ramik® Rodent Bait Station

- Lockable bait station is tamper-resistant
- Interior vertical rods for securing bait
- Two openings for rodents to enter

Item No.	Description	Case Ct.	Pallet Qty.
000550	Ramik Rodent Bait Station Retail Pack	6	288
000500*	Ramik Rodent Bait Station Bulk	12	192

\*Sold by Case Qty Only



## B Rodent Café Bait Station

- Low-profile design for increased rodent activity
- High-capacity bait chamber built to allow horizontal and vertical bait placement
- Ramped entrance into bait chamber helps prevent any water from entering and contaminating bait
- Heavy-duty design using thick-walled plastic—designed to withstand being stepped on without damage
- Rotating hinge design provides for years of dependable service, unlike most stations that use a hinge permanently attached to the base.
- Heavy-duty key and rod packs included

Item No.	Description	Case Ct.	Pallet Qty.
000560	Rodent Café Bait Station	6	360



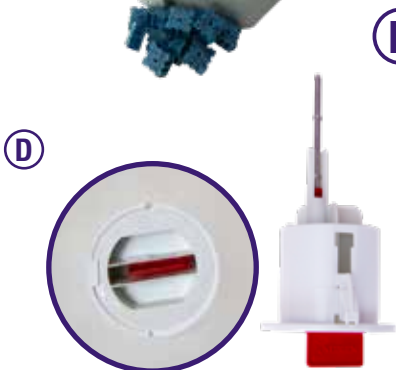
## C Multiplex™ Bait Station

For high density baiting

- Vertical and hanging block layouts
- Vertical bait rods can withstand an inch of standing water
- Superior strength exterior walls
- Overlap of edges prevents “finger holds” for high tamper resistance
- Gray color keeps internal temperature cooler, resulting in less melted bait
- Both sides of bait chamber can also house standard plastic mouse snap traps

Item No.	Description	Case Ct.	Pallet Qty.
000410	Multiplex Bait Station Retail Pack	6	648
000404*	Multiplex Bait Station Bulk	6	192

\*Sold by Case Qty Only



## D Attic Attack Bait Station

Neogen's innovative and patented Attic Attack Bait Station simply and effectively places rodent bait right where roof rats and mice are active.

- A simple method to help control roof rats and mice in attic spaces
- Easy-to-mount design to make setup simple
- Complete access from below without the need for special keys or tools
- An easily visible flag indicates bait has been consumed

Item No.	Description	Case Ct.	Pallet Qty.
375179	Attic Attack Bait Station	12	540

## (continued) Traps & Bait Stations

### D Ramik® Multi-Catch™

- Non-toxic, child and pet safe
- No assembly required
- Can be used with a glue board (1 board included)
- Trap can hold over a dozen mice at a time
- Clear window for easy viewing
- Use as a catch and release trap again and again

Item No.	Description	Case Ct.
945	Ramik Multi-Catch Trap Retail Pack	6
945B	Ramik Multi-Catch Trap Bulk	6

\*Sold by Case Qty Only



D

### E Ramik® Lures

For squirrels, raccoons and rabbits

- Non-poisonous
- Made with food-grade ingredients
- Use in combination with a live trap to capture hard-to-trap animals
- Customized attractive scents for squirrels, raccoons or rabbits
- Packaged in single face display case

Item No.	Description	Case Ct.
950	Lure for Squirrels 4 oz Jar	8
951	Lure for Raccoons 4 oz Jar	8
952	Lure for Rabbits 4 oz Jar	8



E

## Did You Know?

A mouse would seldom wander at a distance of 20 feet or more from its nest.



# Dairy Hygiene



# Dairy Hygiene Products

Neogen can help you optimize your operation with an extensive selection of dairy hygiene products that provide measurable improvements in your efficiency, safety and milk quality. Our full line of cleaning, sanitization and udder and hoof hygiene products help dairy producers keep cows healthy and their equipment clean and operating efficiently. Neogen utilizes a network of trained professionals to recommend and monitor hygiene needs during all seasons and conditions.

Neogen is an expert in milk quality and testing products used at dairy production facilities worldwide. Put the Neogen team's combined knowledge of animal health, dairy hygiene, and milk quality to use on your dairy with our comprehensive line of products ideal for your operation.

## Teat Dips & Udder Wash

Which teat dip is best for your dairy? Seasonal changes, mastitis issues, sensitive teats, application methods, FDA regulations, residue in milk, and operator procedures are all a factor when choosing the correct teat dip. All Neogen teat dips are registered with the FDA and we have a variety of products to meet your needs. Concentrates, non-iodine dips, 2 part dips, iodine dips, pre and post dips, and barrier dips from Neogen aid in the reduction of mastitis, when used properly, and can promote teat health. Neogen's hygiene representatives can recommend the best product for applications on your dairy.

## Iodine Teat Dips (NPE-free)

NU DYNE® Teat Dips are formulated without the use of Nonylphenol Ethoxylates (NPEs) to provide environmentally safe products that eliminate possibilities of NPE residues in milk.

### Nu Dyne® 102

1% iodine, 2% glycerin based teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
603132/1	Nu Dyne 102 1 gal	4	192
603132/5	Nu Dyne 102 5 gal	NA	48
603132/15	Nu Dyne 102 15 gal	NA	18
603132/30	Nu Dyne 102 30 gal	NA	5
603132/55	Nu Dyne 102 55 gal	NA	4
603132/250	Nu Dyne 102 250 gal totes	NA	1
603132/275	Nu Dyne 102 275 gal totes	NA	1

### Nu Dyne® 110

1% iodine, 10% glycerin based teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
680031/1	Nu Dyne 110 1 gal	4	192
680031/5	Nu Dyne 110 5 gal	NA	48
680031/15	Nu Dyne 110 15 gal	NA	18
680031/30	Nu Dyne 110 30 gal	NA	5
680031/55	Nu Dyne 110 55 gal	NA	4
680031/250	Nu Dyne 110 250 gal totes	NA	1
680031/275	Nu Dyne 110 275 gal totes	NA	1

### Nu Dyne® 502

0.5% iodine, 2% glycerin based teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
680034/1	Nu Dyne 502 1 gal	4	192
680034/5	Nu Dyne 502 5 gal	NA	48
680034/15	Nu Dyne 502 15 gal	NA	18
680034/30	Nu Dyne 502 30 gal	NA	5
680034/55	Nu Dyne 502 55 gal	NA	4
680034/250	Nu Dyne 502 250 gal totes	NA	1
680034/275	Nu Dyne 502 275 gal totes	NA	1



# Dairy Hygiene (continued)

## Teat Dips & Udder Wash (continued)

### Iodine Teat Dips (NPE-free) (continued)

#### Nu Dyne® 505

0.5% iodine, 5% glycerin based teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
680033/1	Nu Dyne 505 1 gal	4	192
680033/5	Nu Dyne 505 5 gal	NA	48
680033/15	Nu Dyne 505 15 gal	NA	18
680033/30	Nu Dyne 505 30 gal	NA	5
680033/55	Nu Dyne 505 55 gal	NA	4
680033/250	Nu Dyne 505 250 gal totes	NA	1
680033/275	Nu Dyne 505 275 gal totes	NA	1

#### Nu Dyne® 7575

0.75% iodine, 7.5% glycerin based teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
603131/1	Nu Dyne 7575 1 gal	4	192
603131/5	Nu Dyne 7575 5 gal	NA	48
603131/15	Nu Dyne 7575 15 gal	NA	18
603131/30	Nu Dyne 7575 30 gal	NA	5
603131/55	Nu Dyne 7575 55 gal	NA	4
603131/250	Nu Dyne 7575 250 gal totes	NA	1
603131/275	Nu Dyne 7575 275 gal totes	NA	1

### Hydrogen Peroxide Teat Dip

Fizzing action makes a good pre-dip, the hydrogen peroxide is sensitive to sunlight and extreme weather, it has a shorter shelf life than Iodine Teat Dips.

#### Oximate

A 0.5% hydrogen peroxide, 5% glycerin teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
602262/1	Oximate 1 gal	4	192
602262/5	Oximate 5 gal	NA	48
602262/15	Oximate 15 gal	NA	18
602262/30	Oximate 30 gal	NA	5
602262/55	Oximate 55 gal	NA	4
602262/250	Oximate 250 gal totes	NA	1
602262/275	Oximate 275 gal totes	NA	1

### Hydrogen Peroxide Teat Dip (continued)

#### Oxipro

A 1.0% hydrogen peroxide and 1.6% Sodium Lactate, 10% glycerin teat dip solution

Item No.	Description	Case Ct.	Pallet Qty.
602126/1	Oxipro 1 gal	4	192
602126/5	Oxipro 5 gal	NA	48
602126/15	Oxipro 15 gal	NA	18
602126/30	Oxipro 30 gal	NA	5
602126/55	Oxipro 55 gal	NA	4
602126/250	Oxipro 250 gal totes	NA	1
602126/275	Oxipro 275 gal totes	NA	1

### Caprylic/Capric Acid Teat Dip

#### Organic Acid Teat Dip

#### Dermapro

A 1.0% caprylic/capric acid blend and 40% propylene glycol teat dip. For extreme winter weather conditions.

Item No.	Description	Case Ct.	Pallet Qty.
6022591/1	Dermapro 1 gal	4	192
6022591/5	Dermapro 5 gal	NA	48
6022591/15	Dermapro 15 gal	NA	18
6022591/30	Dermapro 30 gal	NA	5
6022591/55	Dermapro 55 gal	NA	4
6022591/250	Dermapro 250 gal totes	NA	1
6022591/275	Dermapro 275 gal totes	NA	1

### Chlorine Dioxide Teat Dip

#### Bio-Active/Bio-Base

A "2-in-1" teat dip, when mixed together will provide 0.36% active chlorine dioxide teat dip solution with emollient.

Item No.	Description	Case Ct.	Pallet Qty.
602130/1	Bio-Active/Bio-Base 1 gal	4	192
602130/5	Bio-Active/Bio-Base 5 gal	NA	48
602130/15	Bio-Active/Bio-Base 15 gal	NA	18
602130/30	Bio-Active/Bio-Base 30 gal	NA	5
602130/55	Bio-Active/Bio-Base 55 gal	NA	4
602130/250	Bio-Active/Bio-Base 250 gal totes	NA	1
602130/275	Bio-Active/Bio-Base 275 gal totes	NA	1

Teat Dips & Udder Wash (continued)

### Bronopol Teat Dips & Sprays

#### Windpro

A 0.2% bronopol, 80% emollients, teat dip for extreme winter weather conditions.

Item No.	Description	Case Ct.	Pallet Qty.
603044/1	Windpro 1 gal	4	192
603044/5	Windpro 5 gal	NA	48
603044/15	Windpro 15 gal	NA	18
603044/30	Windpro 30 gal	NA	5
603044/55	Windpro 55 gal	NA	4
603044/250	Windpro 250 gal totes	NA	1
603044/275	Windpro 275 gal totes	NA	1

### Barrier Teat Dips

#### Nu-Force

A 1.0% iodine, with 10% glycerin, barrier teat dip with a very low drip technology.

Item No.	Description	Case Ct.	Pallet Qty.
633452/1	Nu Force 1 gal	4	192
633452/5	Nu Force 5 gal	NA	48
633452/15	Nu Force 15 gal	NA	18
633452/30	Nu Force 30 gal	NA	5
633452/55	Nu Force 55 gal	NA	4
633452/250	Nu Force 250 gal totes	NA	1
633452/275	Nu Force 275 gal totes	NA	1

#### Defender

A 1.0% iodine, with 10% glycerin barrier teat dip.

Item No.	Description	Case Ct.	Pallet Qty.
650002/1	Defender 1 gal	4	192
650002/5	Defender 5 gal	NA	48
650002/15	Defender 15 gal	NA	18
650002/30	Defender 30 gal	NA	5
650002/55	Defender 55 gal	NA	4
650002/250	Defender 250 gal totes	NA	1
650002/275	Defender 275 gal totes	NA	1

### Teat Dip Concentrate – NPE Free

#### Nu-Opt 330

A 3.0% iodine teat dip concentrate that can be diluted to provide a 1.0% teat dip with 10% emollient, or a 0.5% teat dip with a 5.0% emollient.

Item No.	Description	Case Ct.	Pallet Qty.
616171/1	Nu-Opt 330 1 gal	4	192
616171/5	Nu-Opt 330 5 gal	NA	48
616171/15	Nu-Opt 330 15 gal	NA	18
616171/30	Nu-Opt 330 30 gal	NA	5
616171/55	Nu-Opt 330 55 gal	NA	4
616171/250	Nu-Opt 330 250 gal totes	NA	1
616171/275	Nu-Opt 330 275 gal totes	NA	1

### Udder Wash

#### Nu-Udder

a 1.75% iodine and phosphoric acid udder wash. Pre-mix one (1) ounce of NU-UDDER with five (5) gallons of water for 25 ppm available iodine. Use a separate towel for each cow and discard towel after applications, then rinse with warm water and examine each quarter with strip cup.

Item No.	Description	Case Ct.	Pallet Qty.
604191/1	Nu-Udder 1 gal	4	192
604191/5	Nu-Udder 5 gal	NA	48
604191/15	Nu-Udder 15 gal	NA	18
604191/30	Nu-Udder 30 gal	NA	5
604191/55	Nu-Udder 55 gal	NA	4
604191/250	Nu-Udder 250 gal totes	NA	1
604191/275	Nu-Udder 275 gal totes	NA	1

# Dairy Hygiene (continued)

## CIP (Clean-in-Place) & Bulk Tank Cleaners

Neogen's line of Dairy Hygiene products for clean-in-place and bulk tanks includes both alkaline and acid detergents as well as specialty products for residue and build-up. These products are manufactured in California and Tennessee to maximize freight efficiencies. Neogen dairy chemicals are formulated to keep your milking equipment clean and residue free. We offer a variety of strengths that can be used in combinations of daily use and shock treatments as needed. During seasonal changes, our technicians can recommend products to use before you see a problem. Using the alkaline, acidic and sanitizing products in combination, as recommended, will help keep your equipment bacteria counts low and your milk quality high.

### Cycle One

Two in one detergent to help lower energy and water use and time for wash down.

Low foaming liquid acid cleaner for use as a single cycle spray and CIP cleaning.

Rinse the system with clean water, then drain. Use Cycle One and circulate for 8 to 10 minutes starting at 150 to 160 degrees F and maintain the temperature above 100 F throughout the cleaning cycle, Drain. Sanitize surfaces immediately prior to next milking.

Item No.	Description	Case Ct.	Pallet Qty.
601045/1	Cycle One 1 gal	4	192
601045/5	Cycle One 5 gal	NA	48
601045/15	Cycle One 15 gal	NA	18
601045/30	Cycle One 30 gal	NA	5
601045/55	Cycle One 55 gal	NA	4
601045/250	Cycle One 250 gal totes	NA	1
601045/275	Cycle One 275 gal totes	NA	1

## Liquid Chlorinated Cleaners

A series of pipeline and bulk tank cleaners containing sodium hydroxide, polymers, water conditioners and chlorinating agent.

### Tetrabase®-75

A heavy duty liquid alkaline pipeline cleaner containing sodium hydroxide, anti-redeposition polymers, water softening agents, stabilizing and chlorinating agents.

Item No.	Description	Case Ct.	Pallet Qty.
652202/1	Tetrabase-75 1 gal	4	192
652202/5	Tetrabase-75 5 gal	NA	48
652202/15	Tetrabase-75 15 gal	NA	18
652202/30	Tetrabase-75 30 gal	NA	5
652202/55	Tetrabase-75 55 gal	NA	4
652202/250	Tetrabase-75 250 gal totes	NA	1
652202/275	Tetrabase-75 275 gal totes	NA	1

### Tetrabase®-100

A liquid alkaline pipeline and bulk tank cleaner containing sodium hydroxide, anti-redeposition polymers, water softening agents, stabilizing agents and a chlorinating agent. Tetrabase-100 cleans and disinfects efficiently while being gentle on milking equipment and liners and works well in hard-water.

Item No.	Description	Case Ct.	Pallet Qty.
652052/1	Tetrabase-100 1 gal	4	192
652052/5	Tetrabase-100 5 gal	NA	48
652052/15	Tetrabase-100 15 gal	NA	18
652052/30	Tetrabase-100 30 gal	NA	5
652052/55	Tetrabase-100 55 gal	NA	4
652052/250	Tetrabase-100 250 gal totes	NA	1
652052/275	Tetrabase-100 275 gal totes	NA	1

### Tetrabase®-150

Formulated with potassium hydroxide (for better rinsability), water softening agents, anti-redeposition polymers, dispersants and a chlorinated compound. Effective protein and butter fat removal properties at economical dilution rates.

Item No.	Description	Case Ct.	Pallet Qty.
602038/1	Tetrabase-150 1 gal	4	192
602038/5	Tetrabase-150 5 gal	NA	48
602038/15	Tetrabase-150 15 gal	NA	18
602038/30	Tetrabase-150 30 gal	NA	5
602038/55	Tetrabase-150 55 gal	NA	4
602038/250	Tetrabase-150 250 gal totes	NA	1
602038/275	Tetrabase-150 275 gal totes	NA	1

## (continued) Dairy Hygiene



### CIP (Clean-in-Place) & Bulk Tank Cleaners (continued)

## Liquid Chlorinated Cleaners (continued)

### Tetrabase®-250

Designed to clean and disinfect in hard-water or in systems where deficiencies may be an issue. A liquid alkaline pipeline and bulk tank cleaner containing sodium hydroxide, anti-redeposition polymers, water softening agents, stabilizing agents and a chlorinating agent.

Item No.	Description	Case Ct.	Pallet Qty.
602058/1	Tetrabase-250 1 gal	4	192
602058/5	Tetrabase-250 5 gal	NA	48
602058/15	Tetrabase-250 15 gal	NA	18
602058/30	Tetrabase-250 30 gal	NA	5
602058/55	Tetrabase-250 55 gal	NA	4
602058/250	Tetrabase-250 250 gal totes	NA	1
602058/275	Tetrabase-250 275 gal totes	NA	1

### Tetrabase®-350

Phosphate Free – Heavy duty liquid alkaline pipeline and bulk tank cleaner containing sodium hydroxide, anti-redeposition polymers, water softening agents, stabilizing and chlorinating agents. Recommended for applications where heavy butterfat and oily solids are encountered.

Item No.	Description	Case Ct.	Pallet Qty.
602040/1	Tetrabase-350 1 gal	4	192
602040/5	Tetrabase-350 5 gal	NA	48
602040/15	Tetrabase-350 15 gal	NA	18
602040/30	Tetrabase-350 30 gal	NA	5
602040/55	Tetrabase-350 55 gal	NA	4
602040/250	Tetrabase-350 250 gal totes	NA	1
602040/275	Tetrabase-350 275 gal totes	NA	1

## Non-Chlorinated CIP Cleaners

A series of concentrated, heavy duty pipeline and bulk tank cleaners built with sodium hydroxide, water conditioners and inhibitors.

### Tetrabase®-400

Concentrated heavy duty pipeline and bulk tank cleaner developed to provide maximum hydroxide alkalinity along with dispensing agents, water softeners, wetting agents and iron inhibiting ingredients. Economical alternative

Item No.	Description	Case Ct.	Pallet Qty.
602098/1	Tetrabase-400 1 gal	4	192
602098/5	Tetrabase-400 5 gal	NA	48
602098/15	Tetrabase-400 15 gal	NA	18
602098/30	Tetrabase-400 30 gal	NA	5
602098/55	Tetrabase-400 55 gal	NA	4
602098/250	Tetrabase-400 250 gal totes	NA	1
602098/275	Tetrabase-400 275 gal totes	NA	1

## Powder CIP Cleaners

A series of pipeline and bulk tank cleaners formulated with sodium hydroxide, water softeners, dispersants and chlorinating agent. Tetrabase-P3 & P4 are the “everyday” workhorse for most CIP cleaning applications.

### Tetrabase®-P3

Blend of alkaline hydroxide builders, water softening agents, dispersants and chlorinated compound. Chlorinated alkaline heavy duty tank cleaner. Excellent butterfat saponification and milk protein soil detergency.

Item No.	Description	Case Ct.	Pallet Qty.
652069/40	Tetrabase-P3 40 lb	NA	36
652069/100	Tetrabase-P3 100 lb	NA	18
652069/400	Tetrabase-P3 400 lb	NA	4

### Tetrabase®-P4

Blend of alkaline hydroxide builders, water softening agents, dispersants and chlorinated compound. Chlorinated alkaline heavy duty tank cleaner. Excellent butterfat saponification and milk protein soil detergency.

Item No.	Description	Case Ct.	Pallet Qty.
602071/40	Tetrabase-P4 40 lb	NA	36
602071/100	Tetrabase-P4 100 lb	NA	18
602071/400	Tetrabase-P4 400 lb	NA	4

## Dairy Hygiene (continued)

### Cleaners & Disinfectants

Neogen cleaners and disinfectants are specialty products designed to handle applications on dairies that are not clean-in-place. We have liquid and foaming cleaners to handle smooth surfaces, floors, walls and equipment. Using the correct cleaner ensures your equipment and dairy meet cleanliness standards and your cleaning protocols are effective. Neogen cleaners are manufactured with varied strengths to ensure it is effective and still safe for your equipment. Our cleaners assist in eliminating biofilm such as dirt, manure, stains, smells, and dust so our disinfectants can be successful. Neogen's hygiene representatives can recommend the best product for applications on your dairy that require extra attention, or routine cleaning.

### Laundry

#### Tidmore CL

Chlorinated version of Tidmore.

Item No.	Description	Case Ct.	Pallet Qty.
602291/1	Tidmore CL 1 gal	4	192
602291/5	Tidmore CL 5 gal	NA	48
602291/15	Tidmore CL 15 gal	NA	18

#### Tidet CL

Concentrated with chlorine powder laundry detergent used for the washing of soiled rags in dairy farms.

Item No.	Description	Case Ct.	Pallet Qty.
602289/40	Tidmore CL 40 lb	NA	36
602289/100	Tidmore CL 100 lb	NA	18
602289/400	Tidmore CL 400 lb	NA	4

### Manual Cleaners

#### Ascend

An economical liquid, high foaming all-purpose cleaner and hand wash.

Item No.	Description	Case Ct.	Pallet Qty.
603122/1	Ascend 1 gal	4	192
603122/5	Ascend 5 gal	NA	48
603122/15	Ascend 15 gal	NA	18

### Manual Cleaners (continued)

#### Ascend II

A premium liquid, high foaming general purpose cleaner and hand wash.

Item No.	Available Sizes	Case Ct.	Pallet Qty.
680036/1	Ascend II 1 gal	4	192
680036/5	Ascend II 5 gal	NA	48
680036/15	Ascend II 15 gal	NA	18

#### Tetrabase® L8

Chlorinated high foaming cleaner.

Item No.	Description	Case Ct.	Pallet Qty.
602242/1	Tetrabase L8 1 gal	4	192
602242/5	Tetrabase L8 5 gal	NA	48
602242/15	Tetrabase L8 15 gal	NA	18

#### Tetraspec LX

A high foaming, chlorinated, general purpose, alkaline powder detergent for use as a manual cleaner.

Item No.	Description	Case Ct.	Pallet Qty.
603001/40	Tetraspec LX 40 lb	NA	36
603001/100	Tetraspec LX 100 lb	NA	18
603001/400	Tetraspec LX 400 lb	NA	4

#### Tetracid®-700

Foaming Acid cleaner and brightener. Recommended for foaming applications on equipment, floors and walls. Let stand and rinse with high pressure wash.

Item No.	Description	Case Ct.	Pallet Qty.
602056/1	Tetracid-700 1 gal	4	192
602056/5	Tetracid-700 5 gal	NA	48
602056/15	Tetracid-700 15 gal	NA	18

#### Catalize

A liquid additive containing water softening and chelating agents used primarily for injection into CIP systems to boost cleaner performance on dairies with high water hardness and/or butterfat content.

Item No.	Description	Case Ct.	Pallet Qty.
602206/1	Catalize 1 gal	4	192
602206/5	Catalize 5 gal	NA	48
602206/15	Catalize 15 gal	NA	18
602206/30	Catalize 30 gal	NA	5
602206/55	Catalize 55 gal	NA	4

## Sanitizers & Disinfectants

### **Coresan 12.5**

A 12.5% liquid sodium hypochlorite sanitizer.

Item No.	Description	Case Ct.	Pallet Qty.
650410/1	Coresan 12.5 1 gal	4	192
650410/5	Coresan 12.5 5 gal	NA	48
650410/15	Coresan 12.5 15 gal	NA	18
650410/30	Coresan 12.5 30 gal	NA	5
650410/55	Coresan 12.5 55 gal	NA	4

### **Mycocide**

An effective low foaming detergent sanitizer containing 3.5% iodine and phosphoric acid.

Item No.	Description	Case Ct.	Pallet Qty.
413090/1	Mycocide 1 gal	4	192
413090/5	Mycocide 5 gal	NA	48
413090/15	Mycocide 15 gal	NA	18
413090/30	Mycocide 30 gal	NA	5
413090/55	Mycocide 55 gal	NA	4

### **Biosan 7.5**

A new generation 7.5% quaternary ammonium chloride sanitizer.

Item No.	Description	Case Ct.	Pallet Qty.
601065/1	Biosan 7.5 1 gal	4	192
601065/5	Biosan 7.5 5 gal	NA	48
601065/15	Biosan 7.5 15 gal	NA	18
601065/30	Biosan 7.5 30 gal	NA	5
601065/55	Biosan 7.5 55 gal	NA	4

# Dairy Hygiene (continued)

## Acid Detergents

Neogen's Acid detergents are used for residue and build-up and routine cleaning. They are formulated to work along with other Neogen products to keep equipment free of residue and bacteria counts low. Neogen's hygiene representatives can recommend the best product for applications on your dairy that require extra attention, or routine cleaning.

### Resolve

Resolve is a liquid organic acid that removes polymeric adhesive residues from pipelines and bulk tanks. If teat sealant is allowed to build up in the system, bacteria can become a problem.

Item No.	Description	Case Ct.	Pallet Qty.
652104/1	Resolve 1 gal	4	192
652104/5	Resolve 5 gal	NA	48
652104/15	Resolve 15 gal	NA	18

### Tetracid®

An economical acid blend used as a CIP acid detergent for dairy farm pipeline and bulk tank applications.

Item No.	Description	Case Ct.	Pallet Qty.
618087-1	Tetracid 1 gal	4	192
618087/5	Tetracid 5 gal	NA	48
618087/15	Tetracid 15 gal	NA	18
618087/30	Tetracid 30 gal	NA	5
618087/55	Tetracid 55 gal	NA	4
618087/250	Tetracid 250 gal totes	NA	1
618087/275	Tetracid 275 gal totes	NA	1

### Tetracid®-500

A versatile blend of phosphoric, nitric, and sulfuric acids used for pipeline and bulk tank cleaning applications.

Item No.	Description	Case Ct.	Pallet Qty.
652072/1	Tetracid-500 1 gal	4	192
652072/5	Tetracid-500 5 gal	NA	48
652072/15	Tetracid-500 15 gal	NA	18
652072/30	Tetracid-500 30 gal	NA	5
652072/55	Tetracid-500 55 gal	NA	4
652072/250	Tetracid-500 250 gal totes	NA	1
652072/275	Tetracid-500 275 gal totes	NA	1

## (continued) Dairy Hygiene

### Hoof

Neogen hoof products aid in hoof issues common on dairies. Hairy warts, digital dermatitis, can be a persistent issue that causes discomfort, lameness, and loss of production. Neogen's hoof products can reduce these issues on your dairy. Our hoof products do not contain any antibiotics, there will be no milk or meat withdrawal times for treating hoof issues. Neogen's hygiene representatives can recommend the best product for applications on your dairy.

#### Sure Stop Plus

Hoof bath liquid additive solution enhanced with copper sulfate.

Item No.	Description	Case Ct.	Pallet Qty.
680011/1	Sure Stop Plus 1 gal	4	192
680011/5	Sure Stop Plus 5 gal	NA	48
680011/15	Sure Stop Plus 15 gal	NA	18
680011/30	Sure Stop Plus 30 gal	NA	5
680011/55	Sure Stop Plus 55 gal	NA	4
680011/250	Sure Stop Plus 250 gal totes	NA	1
680011/275	Sure Stop Plus 275 gal totes	NA	1



# Dairy Diagnostics



# Dairy Diagnostics

Neogen offers several general diagnostic tests for the animal health industry.



## A Raptor® Integrated Analysis Platform

The Raptor Integrated Analysis Platform is a lateral flow test strip reader with built-in incubation. The Raptor provides an easy way to objectively analyze and store the results of Neogen's lateral flow tests. Raptor is capable of analyzing up to three samples independently and simultaneously, provided they are set to the same incubation temperature and time. Raptor can be used with Neogen's BetaStar® Advanced, BetaStar S, Reveal® Q+ DON and Reveal Q+ MAX test kits.



Item No.	Description
9680	Raptor Integrated Analysis Platform

## B BetaStar® S

BetaStar S is an assay for the rapid detection of beta-lactam antibiotics in raw, commingled cow milk at or below established Maximum Residue Levels (MRL). The test utilizes a separate test line to detect the sum of the parent drug ceftiofur and its metabolites.

BetaStar S is designed to work with the Raptor® Integrated Analysis Platform and other AccuScan readers. The test can also be read visually.



Item No.	Description
BSS002	BetaStar S (25 kit)
BSS014	BetaStar S (250 kit)
BSSR100	BetaStar S Raptor (100 kit)

## C BetaStar® S Combo

BetaStar S Combo is an assay for the rapid detection of beta-lactam and tetracycline antibiotics in raw, commingled cow milk at or below established Maximum Residue Levels (MRL). The test utilizes a separate test line to detect the sum of the parent drug ceftiofur (a beta-lactam) and its metabolites.

BetaStar S Combo is designed to work with the Raptor® Integrated Analysis Platform and other AccuScan readers. The test can also be read visually.



Item No.	Description
BCS002	BetaStar S Combo (25 kit)
BCS014	BetaStar S Combo (250 kit)
BCSR100	BetaStar S Combo Raptor (100 kit)



# Dairy Diagnostics (continued)

A



## A BetaStar® S 4D

BetaStar S 4D is an assay for the rapid detection of beta-lactam, tetracycline, streptomycin, and chloramphenicol antibiotics in raw, commingled cow milk at or below established Eurasian Customs Union Maximum Residue Levels (MRL).

BetaStar S 4D is a reader based test designed to work with the Raptor® Integrated Analysis Platform and other AccuScan readers.

Item No.	Description
BS4D002	BetaStar S 4D (25 kit)
BS4D014	BetaStar S 4D (250 kit)
BS4DR100	BetaStar S 4D Raptor (100 kit)

B



## B BetaStar® S for Sulfonamides

BetaStar S for Sulfonamides is an assay for the rapid detection of sulfonamides antibiotics in raw, commingled cow milk at or below established Maximum Residue Levels (MRL).

BetaStar S for Sulfonamides is designed to work with the Raptor® Integrated Analysis Platform and other AccuScan readers. The test can also be read visually.

Item No.	Description
BSSULFA	BetaStar S for Sulfonamides (25 kit)

C



## C California Mastitis Test

The California Mastitis Test (CMT) is a quick, simple way to help predict the somatic cell count of milk from individual quarters or on composite milk samples. Ready to use.

Item No.	Description
TA1842	CMT Test Paddle 4 Sections White
TA1843	CMT Milk Test Liquid 32 oz
TA1908	CMT Milk Test Liquid 5 L





## Dedicated to Dairy

Neogen is taking the lead with innovative new products for the dairy industry:

- NCIMS-approved BetaStar® Advanced dairy antibiotic tests, featuring the new Raptor® platform — the most efficient system on the market.
- Time-tested, performance-proven Veratox® drug residue tests for beef, poultry or feed.
- Animal care and farm biosecurity products.
- Advanced genomic testing for animal health and breeder selection.
- Food safety products for processing and production.

**No other company offers more solutions for the dairy industry. Contact Neogen to learn more.**

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