

SureKill®



NEOGEN's Professional Pest Control





NEOGEN Corporation

Founded in 1982, NEOGEN Corporation (NASDAQ: NEOG) now operates out of multiple U.S. and international locations, and has a worldwide presence. NEOGEN develops, manufactures and markets a diverse line of products dedicated to food and animal safety.

Animal Safety Division

NEOGEN's Animal Safety Division is primarily engaged in the development, manufacturing and marketing of genomic services, veterinary instruments, pharmaceuticals, vaccines, diagnostic products, and a full suite of biosecurity products — such as rodenticides, cleaners, disinfectants and insecticides.

NEOGEN's growing portfolio of SureKill® insect and rodent control products consist of trusted and proven formulations to effectively kill, repel and flush problem pests — rodent or insect. Its premium line of products include pyrethrum and Vapona-based insecticide formulations, as well as bromodiolone, bromethalin, and diphacinone-based rodenticides. SureKill's insect control products are high performing and proven effective in controlling flying and crawling insects in residential, commercial and agricultural settings. The company's comprehensive line of proven rodenticides effectively address rodent problems of any size — from eliminating an occasional house mouse to serving as a critical component of an overall biosecurity plan for major food industry, agricultural, and veterinary operations.

Food Safety Division

NEOGEN's Food Safety Division consists primarily of diagnostic test kits and complementary products (e.g., dehydrated culture media) sold to food producers and processors to detect dangerous and/or unintended substances in human food and animal feed, such as foodborne pathogens, spoilage organisms, natural toxins, food allergens, meat speciation, drug residues, pesticide residues and general sanitation concerns. The company's diagnostic test kits are generally less expensive, easier to use and provide greater accuracy and speed than conventional diagnostic methods.

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Insect Control

Aerosols • Dust • Concentrates • Equipment



Pressurized Aerosols

Product	Active Ingredients	Use	Description	Item No.	Case Qty
Flusher	Pyrethrin 0.50%, Piperonyl Butoxide 1.0%, N-Octyl bicycloheptene dicarboximide 1.6%	High performance dry fog, fast flushing, non-flammable	17 oz can	0101011	12
CT-511®	Pyrethrin 0.50%, Piperonyl Butoxide 1.0%, N-Octyl bicycloheptene 1.0%	Indoor application	17 oz can	0731011	12
Total Release	Pyrethrin 0.05%, Piperonyl Butoxide 0.10%, N-Octyl bicycloheptene dicarboximide 0.16%, Chloro-alpha -(methylethyl) benzeneacetate 0.10%	Fast flushing, quick knockdown, water-based fogger	6 oz can	0111511	12
LD-44T™	Pyrethrin 1.0%, Piperonyl Butoxide Technical 2.0%, N-Octyl Bicycloheptene Dicarboximide, 3.0%	Metered insecticide, Commercial and Industrial uses, 30-day control	6 oz can	0073011	12
Equipment: ProMist'r Dispenser	For use with LD-44T metered aerosol insecticide	Stored product, homes, restaurants	1.5 lb dispenser	CT89500	6
Prozap® Fragrances	Baby Fresh, Citrus, Mango and Bouquet fragrances	Stored product, homes, restaurants	6 oz cans	OCB3010 BF OCB3020 CIT OCB3030 MNG OCB3040 BQT	12

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

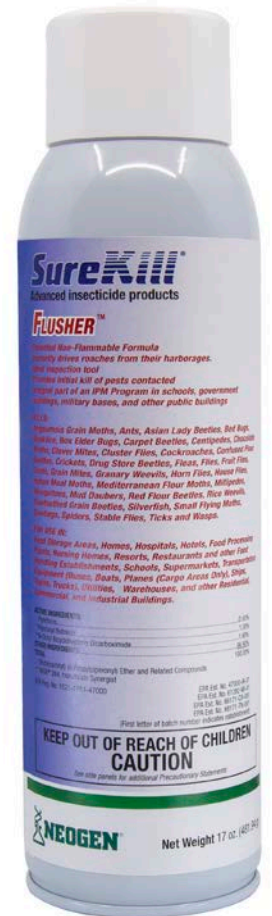


Pressurized Aerosols

Product	Use	Item No.
SureKill® Flusher	Instantly flushes bed bugs and cockroaches from deep harborage sites	0101011

SureKill Flusher is a high-performing dry fog that instantly flushes bed bugs, cockroaches and other insects from deep harborage for more effective pest control. SureKill Flusher is the ideal detection tool that provides initial kill on contact in a non-flammable, high performance dry fog, providing peace of mind around ignition sources. An integral part of any IPM program, SureKill Flusher is for use in schools, food storage areas, food processing plants, restaurants, institutions and other public buildings.

- High-performing dry fog
- Patented non-flammable formula
- Ideal tool for inspections
- Instant flushing of insects from deep harborage



Pressurized Aerosols

Product	Use	Item No.
SureKill CT-511	Indoor application	0731011
SureKill Total Release	Fast flushing, quick knockdown, water-based fogger	0111511

SureKill CT-511 is a dual-synergized pyrethrum formula that kills and repels common flying and crawling insects including house flies, gnats, mosquitoes, spiders, ants, and bed bugs (see label for a complete listing). SureKill CT-511 can be used as a space spray, contact spray, and in cracks and crevices. When used as directed, it can be applied in bottling plants, breweries, homes, restaurants, schools and other buildings as listed on the label.



SureKill Total Release Aerosol combines fast flushing, quick knockdown and excellent residual control in a water-based formula for use indoors and in food and non-food areas of food processing plants and restaurants. SureKill Total Release kills ants, cockroaches, confused flour beetles, crickets, fleas, houseflies, mosquitoes, rice weevils, saw-toothed grain beetles, small flying moths, sowbugs, spiders, and ticks.



Pressurized Aerosols

Product	Use	Item No.
SureKill LD-44T	Indoor application	0073011
ProMist'r II Dispenser	Automatic, metered dispenser	CT89500
Prozap Metered Fragrances	Baby Fresh	OCB3010 BF
	Citrus	OCB3020 CIT
	Mango	OCB3030 MNG
	Bouquet	OCB3040 BQT



SureKill LD-44T is a dual-synergist 1.0% Pyrethrin metered insect aerosol for use in the ProMist'r Dispenser. For use against flying insects such as flies, mosquitoes, gnats and moths in commercial food handling and preparation areas, stores, food processing plants, factories, hotels, offices, supermarkets, warehouses and bottling plants. Provides approximately 30 days protection covering 6,000 cubic feet.



The **ProMist'r Dispenser** is an automatic dispenser that delivers a metered spray at selected intervals to rid an area of unwanted flying insects or odors. Easy to open and refill, and easy to program to spray at different time intervals with options for day, night or 24-hour operation. Use in homes, restaurants, storage areas and many other indoor spaces where insects and odors can be a nuisance. Use LD-44T for insect control or NEOGEN fragrances.

Eliminate odors with **Prozap metered fragrances** designed for use in the ProMist'r Dispenser. Available in one premium fragrance that doesn't just cover up foul smells, but chemically attacks and destroys odors, leaving a fresh fragrance and clean smell. Refill provides approximately a 30 day supply and can be used in homes, restaurants, restrooms, animal housing, warehouses and commercial food areas.



LD-44T installation in ProMist'r Dispenser



SureKill®

Insecticide Gel Baits

New for 2021

The **NEW SureKill Ant and SureKill Roach Gel baits** provide the fast-acting, active ingredient Imidacloprid in ready-to-use cartridges, making it simple for technicians to control even the hard to handle infestations. Each cartridge contains 40 grams of bait and will provide approximately 1,000 bait applications at the recommended rate. What makes these products superior to other gel baits? With the unique dual mode of action in Imidacloprid, these gel baits work through ingestion and food exchange, providing reduction and control weeks after being applied. While working as a non-repellent gel bait, bait shyness is a thing of the past for both indoor and outdoor applications.

Product	Active Ingredients	Use	Description	Item No.	Case Qty
Roach Gel Bait	Imidacloprid 2.15%	Indoor and outdoor application	40 g syringe 4/pk	9204040	5
Ant Gel Bait	Imidacloprid 0.01%	Indoor and outdoor application	40 g syringe 4/pk	9304040	5




Insecticide Dust

SureKill Dia-Py Insecticide Dust is diatomaceous earth dust impregnated with pyrethrin and PBO to provide quick knockdown and kill with a long lasting residual. The dust controls most crawling insects, including bed bugs, when used as a crack and crevice treatment, in food handling facilities, stored products, residential, commercial, agricultural and many other sites as listed.

Product	Active Ingredients	Use	Description	Item No.	Case Qty
Dia-Py Insecticide Dust	Pyrethrin 0.1%, Piperonyl Butoxide 1.0%	Indoor and outdoor application	8 oz bottle	8009510	12

1 in 5 Americans has had a bed bug infestation in his or her home, or knows someone who has encountered bed bugs at home or in a hotel.




Fogging Concentrates

Product	Active Ingredients	Use	Description	Item No.	Case Qty
SK50	Pyrethrin 0.50%, Piperonyl Butoxide 1.0%, N-Octyl bicycloheptene 1.0%	Indoor fog, mist or contact spray	1 gal jug	1746500	4
SK100	Pyrethrin 1%, Piperonyl Butoxide 2%, N-Octyl bicycloheptene dicarboximide 3%	Indoor space spray, fog, spot treatment, crack and crevice	1 gal jug	1796500	4
SK300	Pyrethrin 3%, Piperonyl Butoxide 6.0%, N-Octyl bicycloheptene dicarboximide 10%	Indoor application, food processing, fog space area or contact spray	1 gal jug	1786500	4
Vap-5™ <i>Restricted Use Product</i>	Dichlorvos 5%	Indoor fog, space or contact spray	2.5 gal jug	0746010	2
			5 gal drum	0744010	1

SureKill SK50 is a 0.5% Synergized Pyrethrin formulation, designed for use as a space spray in fogging and misting machines or as a contact spray. For use in food processing and storage facilities, hospitals, hotels, homes, restaurants and other commercial buildings to control flying and crawling insects, including bed bugs.

SureKill SK100 provides flushing action and quick knockdown with a dual-synergized 1.0% Pyrethrum formula that is effective on crawling and flying insects. Designed for use as a space spray, fogging applications, spot treatment and crack and crevice applications. Surekill SK100 can be used in all fogging machines, compressed air sprayers, aerosol generators and will not clog ULV fogging equipment.

SureKill SK300 is a fast acting and effective ULV, space, area or contact spray formula that provides flushing action and quick knockdown. The dual-synergized 3% pyrethrum formula is labeled for use in indoor food and non-food areas, including commercial buildings, food processing plants, homes, hotels, restaurants, schools, stored food areas and warehouses.

SureKill Vap-5 is an effective pesticide that kills on contact and through vapor. The 5% Dichlorvos formula kills roaches, spiders and other crawling insects, including most stored product pests. For use in most types of fogging devices as a space spray and contact spray with the exception of the thermal fogger. For use in food handling and storage facilities, non-food and feed areas, warehouses and commercial facilities.



Fogging concentrate application

Equipment

The **SureKill Liquid Pro Kit** is designed for IPM Programs to apply liquid insecticides to kill flying and crawling insects. The non-pressurized system is compact and easy to use with automatic refilling to eliminate pumping. The SureKill Liquid Pro Kit is designed with the technician in mind and comes complete with 1 quart polypropylene tank, flexible industrial hose, deluxe belt holster and ergonomic applicator gun. The compact belt design allows for discreet applications in sensitive accounts and provides hands-free mobility to perform proper IPM inspections.

Product	Use	Item No.
SureKill Liquid Pro Kit	Indoor/outdoor application	368164

ELIMINATE THE HASSLE OF PUMPING



- Designed with the technician in mind
- Compact design for discreet applications
- Ergonomic applicator gun with interchangeable tips



Replacement Parts



SureKill Pin Stream Tip 12 pk
Item # 368171 Case 12



SureKill Premium Pin Stream Tip
Item # 368812 Case 12



SureKill Pin Atomizer Tip
Item # 368430 Case 12



Vented Stepped Cap with Dip Tube
Item # 343321 Case 12

Liquid Jug Holster (holster only)
Item # 368515 Case 6

SureKill Crack & Crevice Tip 3 pk
Item # 9751 Case 12

SureKill Termite Tip 3 pk
Item # 9752 Case 12

Replacement Applicator Gun (gun only)
Item # 369703 Case 6

Piston O-ring
Item # 203502 Case 12

Barrel & O-ring
Item # 211903 Case 12



1 L Back Pack
Item # 359025 Case 12



Tubing
Item # 126054 Case 12



Metal Luer-Lock Nut
Item # 330840 Case 12

The Liquid Pro Kit tips included are: 2 pin stream tips, 1 premium pin stream tip and 1 atomizer tip. Additional tips and replacement parts are available.

Rodent Control

Assault • Command • Guardian • Ramik •
Prozap Zinc Phosphide



Rodent Control

SureKill rodent control products contain the effective anticoagulants bromadiolone and diphacinone, which are convenient for everyday use, as well as the acute active ingredient bromethalin, effective for quick knockdown. With superior weatherability and food-quality ingredients, our rodenticides provide excellent control quickly and effectively, without the need to use large amounts of bait. They are convenient for both indoor and outdoor everyday use to control rats, mice and other rodent populations.

SureKill's **Command Blocks** and **Place Packs** contain the active ingredient bromadiolone, a single-feed, second generation anticoagulant, providing excellent control in less time after a lethal dose is consumed. This all-weather formulation reduces the risk of ruined bait, while food grade ingredients provide an irresistible formulation for effective control in most environments, whether for maintenance or during clean out, for indoor and outdoor control of rats, mice, and other non-commensal rodents.

Product	Active Ingredient	Use	Description	Case Qty	Item No.
Command Blocks	0.005% Bromadiolone	Rats, mice and meadow voles	18 lb Pail	1	116836
Command Place Packs	0.005% Bromadiolone		16 lb Pail	1	116835



Rodent Control

Product	Active Ingredient	Use	Description	Case Qty	Item No.
Assault® Blocks	0.01% Bromethalin	Rats and mice	4 lb Pail	4	112831
Guardian Blocks	0.005% Diphacinone	Rats, mice and meadow voles	18 lb Pail	1	116355

Assault Blocks contain the single-feed bromethalin formulation, which makes rodents want to stop feeding after consuming a lethal dose, using less bait overall. Assault Blocks have a quick knockdown when compared to other anticoagulants, with results in as little as 2 days after consuming a toxic dose. Bromethalin is great for controlling rodents with resistance to anticoagulants.



Guardian Blocks contain the first generation anticoagulant diphacinone, and provide great value for everyday control for rats, mice, and other non-commensal rodents. It's formulated for high palatability and weatherability, along with a food quality grain mix, creating an attractive bait for the most wary of rodents. Multiple feed qualities reduce concerns of bait shyness, making it an easy choice when used in a rotation program or as a maintenance bait.



Rodent Control

Product	Active Ingredient	Use	Description	Case Qty	Item No.
Ramik® Ground Squirrel Bait	0.005% Diphacinone	For control of California Ground Squirrels	4 lb Bag	4	116352
Ramik Mole & Gopher	0.005% Diphacinone	Moles and gophers	1 lb Jar	6	116309

Ramik® Mole and Gopher's advanced food processing technology is used to produce an extremely palatable and highly attractive bait that retains freshness, sweetness and effectiveness. The bait is weather-resistant without the wax and provides an attractive secondary food source for moles and gophers. Just 1 teaspoon treats an active burrow or tunnel.



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.



Rodent Control

Product	Active Ingredient	Use	Description	Case Qty	Item No.
Ramik Green AG <i>Restricted Use Product</i>	0.005% Diphacinone	For control of California Ground Squirrels, Plains Pocket Gophers and Moles	20 lb Pail	1	116310
			40 lb Tub	1	116320
Ramik Oats <i>Restricted Use Product</i>	0.005% Diphacinone	For control of California Ground Squirrels	30 lb Bucket	1	116390

The **Ramik Green AG** rodenticide combines superior palatability and weatherability 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.

Ramik Green AG is the first federally registered 0.005% diphacinone rodenticide for the control of California ground squirrels using broadcast or bait station application. The extensive label also includes a broad range of use directions including fruit and nut tree orchards, rangelands, grain fields, forage and hay crops, vineyards, pome, stone and vegetable crops, citrus fruit and many more.

Ramik Green AG's advanced food processing technology is used to produce an extremely palatable and highly-attractive bait that retains freshness, sweetness and effectiveness. The bait is weather-resistant without the wax and provides an attractive secondary food source for pests found in various agricultural crops.



Rodent Control

Product	Active Ingredient	Use	Description	Case Qty	Item No.
Prozap Zinc Phosphide Pellets	2% Zinc Phosphide	Controls rats and mice	Prozap Pellets 3/8" 50 lb Bag	1	0077140 <i>RUP*</i>
			Prozap Pellets 1/8" 50 lb Bag	1	0283390 <i>RUP*</i>
			12 lb Bucket	1	114600
Prozap Mole & Gopher Pelleted Bait	2% Zinc Phosphide	Controls moles and gophers	1 lb Jar	6	112845
Prozap Zinc Phosphide Oat Bait	2% Zinc Phosphide	Controls rats and mice	50 lb Bag	1	0002980 <i>RUP*</i>
Prozap Tracking Powder	2% Zinc Phosphide	Controls mice	25 lb Pail	1	112846 <i>RUP*</i>
Prozap Zinc Phosphide Rodent Oat Bait	2% Zinc Phosphide	Controls moles and gophers	1 lb Jar	6	112855

RUP = Restricted Use Product*

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. Prozap is great for spot treatments in and around buildings, lawns, ornamentals, golf courses and parks.

Pellets utilize a special hardening agent to withstand up to 1½" of rainfall before melting, contain less dust than competitor formulations and easily filter through vegetation. Oat bait Contains an attractive protein concentration using food-grade, steam-rolled oat groats for improved palatability. De-hulled groats are kiln dried and will not germinate or grow bacteria and mold.



Cleaners & Disinfectants

SureKill Hand Sanitizer • BioSentry 904 Disinfectant
COMPANION Disinfectant Wipes • BioPhene Disinfectant Spray



Cleaners & Disinfectants

SureKill Hand Sanitizer provides the PMP with protection no matter the location they are in, whether it be a service vehicle or office. Designed for multiple uses throughout the day, this sanitizer will not dry out your hands or leave you with an unpleasant odor. Created to be used after pesticide applications, wildlife removal, unclean inspections or just extra protection when necessary.

SureKill Hand Sanitizer comes in a 7 oz. or 1 gallon foaming bottle, creating a quick-dry foam with no odor once applied. This unique formulation decreases disease causing dermal bacteria by 99.9%.

NEOGEN's Foaming Dispenser Unit is a versatile way to dispense COMPANION hand hygiene products. The unit is a touchless, automatic dispenser with 1000 mL volume capacity that can be wall mounted or placed on a stand*. This dispenser is ideal for clinic environments, large events, animal production sites, food processing facilities, and more.

*Stand and drip tray sold separately.

Product	Active Ingredient	Use	Description	Item No.
SureKill Foaming Hand Sanitizer	62% Ethyl alcohol	Hand sanitizing	7 oz	490909/SK
			1 gal	490909/1SK

Product	Description	Item No.
NEOGEN Foaming Dispenser	Wall Unit	480009/WU
	Stand/Base/Backplate	480009/ST
	Drip Tray	480009/DR



Cleaners & Disinfectants

BioSentry® 904 Disinfectant is a broad spectrum disinfectant recommended for use on hard nonporous surfaces. It is proven effective against bacteria, fungi, and viruses that cause disease and economic losses. It disinfects in 5% organic soil loads and 200 ppm hard water.

BioSentry 904: Now proven effective against SARS-CoV-2 virus, the cause of COVID-19, on hard, non-porous, non-food surfaces.

In addition to being on the EPA's N list of recommended products for the control of COVID-19, we now have proven effectiveness against the actual SARS-CoV-2 virus. This new data, with a 3 minute contact time, has allowed us to put the efficacy claim on our product label.

Product	Active Ingredients	Use	Description	Item No.
BioSentry 904 Disinfectant	<ul style="list-style-type: none"> • 6.510% Octyl decyl dimethyl ammonium chloride • 2.604% Dioctyl dimethyl ammonium chloride • 3.906% Didecyl dimethyl ammonium chloride • 8.680% Alkyl (C₁₄, 50%; C₁₂, 40%; C₁₆, 10%) dimethyl benzyl ammonium chloride 	Hard, nonporous surface disinfection	1 gal bottle	D12709557
			55 gal drum	D12695581



Cleaners & Disinfectants

BioSentry® BioPhene™ Spray Disinfectant is an EPA-registered aerosol disinfectant that effectively controls the common viruses and bacteria that challenge the professional pest 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.



BioSentry BioPhene Spray Disinfectant has demonstrated effectiveness against viruses similar to **SARS-CoV-2** on hard, non-porous surfaces. Therefore, BioSentry BioPhene Spray Disinfectant can be used against **SARS-CoV-2** when used in accordance with the directions for use against **Mycobacterium bovis** on hard, non-porous surfaces. Refer to the CDC website at <http://www.cdc.gov/outbreaks> for additional information.



COMPANION™ Disinfectant Wipes are ready-to-use wipes that effectively clean, disinfect and control 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 are formulated to be non-abrasive and non-corrosive with repetitive use. Help to reduce your clinic's patient turnover efficiency by using the convenient and effective COMPANION Disinfectant Wipes.

COVID-19 is caused by SARS-CoV-2. COMPANION Disinfectant Wipes kill similar viruses and therefore can be used against SARS-CoV-2 when used in accordance with the directions for use against Rhinovirus on hard, non-porous surfaces.

Refer to the CDC website at: <https://www.cdc.gov/coronavirus/2019-ncov/index.html> for additional information.

Product	Active Ingredients	Use	Description	Item No.
BioPhene Spray Disinfectant	<ul style="list-style-type: none"> 0.1% O-Phenylphenol 63.2% Ethanol 	Service vehicles, animal transport vehicles, footwear, animal care facilities, livestock facilities, office quarters, animal quarantine areas, animal laboratories, and animal life science laboratories	15.5 oz can	490910
COMPANION Disinfectant Wipes	0.60% Citric acid	Animal transportation vehicles, stainless steel, vinyl, medical equipment surfaces, floors, walls, fixtures, counter tops, chrome, glass, ceramic, plastic and appliances	160 ct canister, 6" x 7"	490908
			160 ct canister, 6" x 7" Soft Pack refill	490908/SP



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