



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 30, 2022

Susan Westra
Chem Tech, Ltd. Neogen Regulatory
620 Leshler Place
Lansing, MI 48912

Subject: Notification per PRN 98-10 – Change location of statement, “For Indoor and Outdoor Use”
Product Name: Prozap Gamma-Defense
EPA Registration Number: 47000-192
Application Date: September 2, 2022
Decision Number: 588579

Dear Susan Westra:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “NOTIFICATION” and placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, please contact Elizabeth Andrews at 202-566-2467 or at Andrews.Elizabeth@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Herrick".

For

Jacquelyn Herrick, Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505T)
Office of Pesticide Programs

Prozap® Gamma-Defense™

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September 2, 2022

NOTIFICATION

47000-192

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/30/2022

Alternate Brand Name: Prozap® Gamma-Pro™

Prozap® Gamma-Defense™**Controlled Release Premise Insecticide**

- A micro encapsulated insecticide for use in and around buildings and structures for the control of listed pests including buildings, livestock/poultry housing, and pet kennels. [optional marketing statement]
- For control of litter beetles, flies, fleas, and ticks. [optional marketing statement]
- For control of litter beetles, fleas, flies and other listed pests of livestock/poultry housing and pet kennels. [optional marketing statement]
- Effective against adults and immature Darkling, Hide and Carrion beetles.
- [optional marketing statement]
- Can be reapplied at 21-day intervals. [optional marketing statement]
- Highly concentrated. [optional marketing statement]
- Micro-encapsulated formula ensures slow release. [optional marketing statement]
- One quart treats up to 48,000 square feet when treating for litter beetles.
- [optional marketing statement]
- Treats up to 24,000 square feet when treating for litter beetles. [optional marketing statement]
- Dilution rate of 1-2 oz. per 3 gallons of water. [optional marketing statement]
- Can be used on entire footing, crack and crevice or banded applications.
- CapVantage™ Technology. [optional marketing Logo]

Active Ingredient:

Gamma cyhalothrin:

Cyclopropane carboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl cyano (3-phenoxyphenyl) methyl ester.....5.9%

Other Ingredients: 94.1%**Total**..... 100.0%

Contains 0.5 pound of active ingredient per gallon.

Contains petroleum distillates.

EPA Reg. No. 47000-ROE

EPA Est. No. 47000-IA-01

Net Contents: 8 fl. oz to 5 gallons

Manufactured for:

Chem-Tech, Ltd.

1006 Business Hwy 5

Pleasantville, IA 50225 U.S.A.

KEEP OUT OF REACH OF CHILDREN**CAUTION PRECUACIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle
(If you do not understand the label, find someone to explain it to you in detail.)

Note to PM, the following bracketed statements are individually optional depending on the packaging configuration and where a booklet label design is used: [See First Aid statement on back panel of booklet.]

- a. [See First Aid statement on back panel of booklet.]
- b. [See First Aid statement on back panel.]
- c. [See additional precautionary statements and Directions for Use in booklet.]
- d. [See label booklet for additional Precautionary Statements, Directions for Use, and Storage and Disposal.]

Refer to label booklet for Directions for Use.

Do not make application during rain.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

Notice: Shake well before use. Avoid freezing. Read the entire label. Use only according to label directions.

Before using this product read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at the end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).

[A microencapsulated insecticide] [A Controlled Release Premise Insecticide][F/for] use on and around building and structures for the control of listed pests, including buildings; livestock/poultry housing and pet kennels. [optional statement]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear safety glasses or goggles, long-sleeved shirt, long pants, shoes and socks, and chemical-resistant gloves made of barrier laminate, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or Viton \geq 14 mils. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Skin exposure may also result in a sensation described as a tingling, itching, burning or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas thoroughly with soap and water. Relief from skin sensation may be obtained by applying an oil-based cream.

FIRST AID	
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for further treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital. • Do not give any liquid to the patient. • Do not administer anything by mouth to an unconscious person. • Do not induce vomiting unless told to do so by the poison control center or doctor.
<p>NOTE TO PHYSICIAN: Induced vomiting for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should only be induced under professional supervision.</p>	
<p>Have product container or label with you when calling a poison control center, doctor, or going for treatment.</p> <p>For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318</p>	

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Do not allow application to contact water inhabited by fish, such as aquariums and ornamental fish ponds that are located in and around structures being treated.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical and Chemical Hazards

Do not use or store near heat or an open flame.

Do not use Prozap Gamma-Defense [this product] in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

~~For both Indoor and Outdoor Use~~

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ THIS LABEL: Read this entire label and follow all use directions, use restrictions and precautions.

For both Indoor and Outdoor Use

RESTRICTIONS

- Do not dilute this product with oil.
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply the product into fish pools, ponds, stream, or lakes. Do not apply directly to sewers or storm drains, or any area like a drain or gutter where drainage to sewers, storm drains water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply to irrigate to the point of runoff.
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- Do not apply when the wind speed is greater than 10 mph.
- Do not apply to residential lawns and turf in residential settings (e.g., homes, parks, schools, athletic fields or any other area frequented by the general public).
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Let treated surfaces dry before allowing humans and pets to contact these surfaces.
- This product is RESTRICTED for use in New York State.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
 2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
 3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall

- by a covering, overhang, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
 5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
 6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

Other than applications to building foundation, all other outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- For crack and crevice treatments:
 - Treat surfaces to ensure thorough coverage but avoid runoff.
 - To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

PREMISE AND PERIMETER PEST CONTROL

Prozap Gamma-Defense [This product] is for use as a general surface (non-food/non-feed areas), crack and crevice, or spot treatment in, on, and around buildings and structures and their immediate surroundings, and on modes of transport. Areas of use: livestock/poultry housing, pet kennels, railcars, trucks and trailers.

For indoor application, Prozap Gamma-Defense [this product] can be reapplied at 21-day intervals if necessary.

Mixing Instructions

Dilute Prozap Gamma-Defense [this product] with water for application using hand-held or power-operated application equipment as a coarse spray for crack and crevice or spot and general surface (non-food/ non-feed areas only) treatments. Application equipment that delivers low volume treatments, such as the Micro-Injector® or Actisol® applicator, may also be used to make crack and crevice or spot and general surface treatments.

Removable chemical extraction probes (also known as "stingers") used in suction/extraction systems must be rinsed within the pesticide container prior to removal.

Fill applicator tank with the desired volume of water and add Prozap Gamma-Defense. Close and shake before use in order to ensure proper mixing. Shake or re-agitate applicator tank before use if application is interrupted. Mix only amount of treatment volume as required. Prozap Gamma-Defense [This product] may be applied by using a paintbrush or other porous applicator attached to a handle as a general surface treatment.

Tank Mixing

Prozap Gamma-Defense [This product] may be tank mixed with other currently registered pesticides unless expressly prohibited by the product label. A small volume mixing test with the other products is recommended to ensure compatibility. If other chemicals are added to the applicator tank, Prozap Gamma-

Defense [this product] should be added last. If mixed with EC formulations, use within 24 hours. Fill tank to desired volume and continue to agitate while making applications.

Prozap Gamma-Defense [This product] may be tank mixed with an Insect Growth Regulator (IGR).

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

RATES FOR PESTS (HAND APPLICATION EQUIPMENT)

Pests	Dilution Rate (Concentration of AI)	Specific Use Directions
Ants Bees Boxelder Bugs Carpenter Bees Cockroaches (1) Confused Flour Beetles Crickets Fleas (2) Flies (including House flies, stable flies, little house flies) Lesser Grain borers Mosquitoes Red Flour Beetles Rice Weevils Saw-toothed Grain Beetles Spiders Ticks Wasps	Rate range 0.0075% AI 0.16 fl oz (5 ml) / gal water 0.5 fl oz (15 ml) / 3 gal water Up to 0.015% AI 0.33 fl oz (10 ml) / gal water 1.0 fl oz (30 ml) / 3 gal water water	<p>Ants: Apply to any trails around doors and windows and other places where ants may be found. Locate and treat nests. Where ants are trailing inside apply as a residual surface treatment to active areas: baseboards, corners, around pipes, and behind cabinets, behind and under refrigerators, sinks, furnaces, and stove cracks and crevices. When combining baits and residual surface insecticides apply surface insecticides in cracks and crevices along baseboards and infested surfaces and outside barrier treatments. Use baits in other areas that are untreated by residual insecticides also see Outdoor Surfaces Use.</p> <p>Cockroaches, Crickets, and Spiders: Apply as a coarse low pressure spray to areas where these pests hide: baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, cabinets, behind and under refrigerators, sinks, furnaces and stoves, the underside of shelves, drawers, and similar areas. Pay particular attention to cracks and crevices also see Outdoor Surfaces Use.</p>
Cockroaches (1) Flies (5) Litter beetles (3) (Darkling, Hide, and Carrion beetles)	0.03% AI 0.65 fl oz (20ml)/gal water 2.0 fl oz (60 ml)/3 gal water	<p>Bees, Flies, Mosquitoes, and Wasps: Apply directly to walls, ceilings, window screens, and other resting areas as a residual surface treatment.</p>

<p>Mosquitoes (4) Pillbugs Scorpions Sowbugs Spiders (6) Spider Mites (Two-spotted, Spruce) Ticks (6)</p>		<p>May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see Outdoor Surfaces Use. Use caution when treating nests of stinging insects as Prozap Gamma-Defense does not provide instant knockdown. Protective equipment for the applicator may be required. Treat bee, wasp, and hornet nests late in the day when most insects will be present. Allow 2-3 days for the colony to die and repeat if necessary.</p> <p>Carpenter Bees: Apply coarse spray to thoroughly wet wood surfaces where bees have been previously active or to provide protection against further damage. Apply early in the spring to prevent bees from invading wood. When bees have infested wood surface applications can help control embedded larvae and bees that emerge from the wood.</p> <p>Boxelder Bugs, Pillbugs, and Sowbugs: Apply as spot/crack-and-crevice only around doors and windows and other places where these pests may be found or where they may enter premises. Treat baseboards, storage areas, and other locations. Apply barrier treatments to prevent infestation as described below; also see Outdoor Surfaces Use.</p> <p>Fleas and Ticks: To control nuisance fleas and ticks (e.g. dog ticks) apply to kennels, yards, runs, and other areas where pets may frequent. Do not apply to outdoor residential lawns and turf in residential settings (e.g., homes, parks, schools, athletic fields, or any other area frequented by the general public). To control ticks, apply using a coarse fan spray to vegetation brush, branches, rock walls, and other areas near habitation</p>
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		<p>where ticks may harbor or frequent. Treat entire area rather than spot treatments, and retreat monthly to maintain control. Do not apply to pasture or cropland, and do not allow animals and people access to treated areas until the deposit has dried. Applications can begin in the spring and can continue until frost to control both larvae and adult ticks; also see Outdoor Surfaces Use.</p> <p>Litter Beetles (Darkling, Hide, and Carrion Beetles) and Flies in Animal Housing (Livestock, Pet and Poultry Houses): To control adult litter beetles, apply Prozap Gamma-Defense [this product] to walls and floors and cleanout, before reintroduction of animals. This will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to area where beetles frequently occur: walls, supports, cages, stalls, and around feeders. To help control flies, apply a directed application to horizontal surfaces and overhead areas and allow to dry before reintroduction of animals; also see Livestock/Poultry Housing Structures.</p>
<p>Note: One gallon finished dilution typically treats 500 - 1000 sq. ft.</p>		
<p>1For cockroaches, the recommended rate for maintenance treatments is 0.0075% and for clean-out treatments is 0.015%. For control of severe infestations, use 0.03% rate.</p>		
<p>2For outdoor use only and use 0.015% rate.</p>		
<p>3Use the 0.015% (0.33 fl oz (10 mL) / gal water) rate for light beetle infestation.</p>		
<p>4For residual control, use 0.03% rate.</p>		
<p>5In all states except California, rates for flies may be increased to 0.03% when environmental conditions are severe and/or populations are high.</p>		
<p>6For clean out/severe infestations, use 0.03% rate.*</p>		
<p>Conversion Rate: 1 fluid ounce (fl. oz.) equals 29 milliliters (mL).</p>		

Livestock/Poultry Housing Structures and Pet Kennels

Prozap Gamma-Defense [This Product] may be used as a general surface and/or crack and crevice treatment. Treat interior and exterior perimeter applications in and around livestock and poultry housing. Treat interior and exterior perimeter application in and around livestock and poultry and pet housing structures for

optimum control. Suitable cleaning practices of the structure must also be followed along with applications of Prozap Gamma-Defense [this product] to effectively control the listed insects.

LITTER BEETLES: To control adult litter (darkling, hide and carrion beetles) beetles in animal housing, including poultry housing, apply Prozap Gamma-Defense [this product] insecticide to walls and floors at each grow-out or sanitation procedure, before reintroduction of poultry or other animals. Re-apply after each grow-out or sanitation procedure to control beetles that escaped earlier treatment and delay the onset of further infestations. Beetles frequently occur in areas: on walls, supports, cages, stalls, and around feeders, so pay careful attention to these places. For poultry houses where birds are grown on litter, treat the floor area. For poultry houses where birds are grown in cages, treat the walls, posts, cage framing, and into cracks and crevices around insulation. Also apply as a perimeter treatment around the outside of the building foundations to prevent beetles from entering from outside. To prevent populations from reaching a problem level, a year-round maintenance program is highly recommended.

RESTRICTIONS:

- DO NOT make applications of Prozap Gamma-Defense [this product] in areas where animals, except for cattle and calves are present in the facility. Allow treated surfaces to dry completely before restocking the facility.
- DO NOT make applications to any animal feedstuffs water or watering equipment.
- DO NOT contaminate any animal food feed or water in and around livestock, poultry or pet housing when making applications.

Outdoor Surfaces And Perimeters

To control flies, fleas, mosquitoes, ants, bees, wasps, cockroaches, crickets, pillbugs, scorpions, sowbugs, spiders, ticks and other listed pests, apply **Prozap Gamma-Defense** [this product] with either hand or power application equipment as a residual treatment to ornamental plants next to foundations of buildings and to external surfaces of buildings, garages, refuse dumps and other areas where insects rest or congregate. Apply as a spot/crack-and-crevice only treatment for porches, screens, door and window frames, eaves, and patios. Prozap Gamma-Defense [this product] may also be applied to lawns around non-residential buildings, or to refuse dumps or other non-residential areas where these insect pests congregate. Do not use on edible crops.

For perimeter treatments, apply a continual band of insecticide around building foundations and around service line entrances, vents, and other areas to reduce the potential for entry by crawling pests. Apply as a spot/crack-and-crevice only treatment to around windows, doors, and eaves. Before application, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other potential pest harborage next to the foundation. Apply the band up to 7 ft. wide around the structure (or according to state regulations governing commercial pest control) and upwards along the foundation to 2 ft. Apply as a spot/crack-and-crevice only treatment around windows, doors, and roof overhangs. Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active.

Amount of concentrate is dependent upon pest species (see pest table and comments), infestation levels, and service interval desired.

Rate Table for Perimeter Barrier Applications

Application Rate: Fl. oz. (mL) of	Gals of Water¹	Area of Coverage (sq. ft.)
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Prozap Gamma-Defense		
0.16 fl. oz. (5mL)	1-5 gals.	800-1600 sq. ft.
0.33 fl. oz. (10 mL)	1-5 gals.	800-1600 sq. ft.
0.65 fl. oz. (20mL)	1-5 gals.	800-1600 sq. ft.

Application volume may be greater than 5 gals./800-1600 sq. ft. if required under heavy vegetative or landscaping materials in order to obtain desired coverage.

Examples of Dilutions For Perimeter Barrier Applications

Application Volume Gals. of Solution per 1,000 sq. ft.	Application Rate Fl. oz. (mL) of Prozap Gamma-Defense per 1,000 sq. ft.	Fl. oz. (mL) of Prozap Gamma-Defense to Dilute in Water According to Spray Tank Volumes		
		5 gals	10 gals	50 gals
1 gal per 1,000 sq. ft	0.16 fl. oz. (5ml)	0.80 fl. oz. (25 ml)	1.6 fl. oz. (50 ml)	8 fl. oz. (250 ml)
	0.33 fl. oz. (10ml)	1.65 fl. oz. (50 ml)	3.3 fl. oz. (100 ml)	16 fl. oz. (500 ml)
	0.65 fl. oz.(20 ml)	3.3 fl. oz. (100 ml)	6.5 fl. oz. (200 ml)	33 fl. oz. (1000 m)
2 gal per 1,000 sq. ft.	0.16 fl. oz. (5ml)	0.40 fl. oz. (12.5 ml)	0.80 fl. oz. (25 ml)	4 fl. oz. (125 ml)
	0.33 fl. oz. (10ml)	0.80 fl. oz. (25 ml)	1.65 fl. oz. (50 ml)	8 fl. oz. (250 ml)
	0.65 fl. oz.(20 ml)	1.65fl. oz. (50 ml)	3.3 fl. oz. (100 ml)	16 fl. oz. (500 ml)
5 gal per 1 000 sq. ft.	0.16 fl. oz. (5ml)	0.16 fl. oz. (5ml)	0.33 fl. oz. (10 ml)	1.6 fl. oz. (50 ml)
	0.33 fl. oz. (10ml)	0.33 fl. oz. (10ml)	0.65 fl. oz. (20 ml)	3.3 fl. oz. (100 ml)
	0.65 fl. oz.(20 ml)	0.65 fl. oz. (20 ml)	1.65 fl. oz. (50 ml)	6.5 fl. oz. (200 m)

Example calculation: to apply the mid-rate of **Prozap Gamma-Defense** at a volume of 5 gal /1,000 sq. ft. mix 3.3 oz of concentrate in 50 gallons of water. The percent active ingredient in the finished **Prozap Gamma-Defense** dilution can be calculated with the following formula:

mL needed to add times 5.9% active in concentrate, divided by gal. finished dilution times 3785
 ml/gal =% active in dilution

(Example: 3.3 oz in 50 gal. is 100 mL times 5.9 equals 590, and 50 gal, times 3785 is 189,250. Dividing 590 by 189,250 equals 0.003% active in the tank dilution.)

NOTE: Do not use water based sprays of **Prozap Gamma-Defense** in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard. Thoroughly wash out sprayer and screen with water and detergent before using **Prozap Gamma-Defense**. **Prozap Gamma Defense** [This product] has not stained or caused damage to painted or varnished surfaces, plastics fabrics, or other surfaces where water applied alone causes no damage. However, treat a small area and allow to dry, to determine whether staining will occur.

LET TREATED SURFACES DRY BEFORE ALLOWING HUMANS AND PETS TO CONTACT SURFACES

RESTRICTIONS:

- DO NOT use this product with oil.
- DO NOT apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.
- DO NOT allow applications to contact water inhabited by fish, such as in aquariums and ornamental fish ponds that are located in/around structures being treated.
- DO NOT apply this product in any room being used as living, eating, sleeping, or recovery area by patients, the elderly, or infirm when they are in the room.

- DO NOT apply to institutions (including libraries, sports facilities, etc.) in the immediate area when occupants are present.
- DO NOT apply to classrooms when in use.

Resistance Management Recommendations

For resistance management, [Product Name] contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to [Product Name] and other Group 3A insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of [Product Name] or other Group 3A insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target species when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for the targeted pests between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use. that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

- For further information or to report suspected resistance contact Cooperative Agricultural Extension Agent or your local Neogen representative at 1-800-477-8201.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container only. Keep container closed when not in use. Do not store near food or feed. Do not store near heat or open flame. **Do not allow product to freeze.**

In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative of the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Nonrefillable Containers 5 gallons or less:

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable Containers 5 gallons or larger:

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal.

Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds.

Drain for 10 seconds after the flow begins to drip.

TERMS AND CONDITIONS OF UES

In terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation Remedies.

WARRANTY DISCLAIMER

Neogen Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent consistent with applicable law, Neogen Corporation **MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Neogen Corporation or the seller. All such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Neogen Corporations election, one of the following:

- (1) Refund of purchase price paid by buyer or use for product bought, or
- (2) Replacement of amount of product used

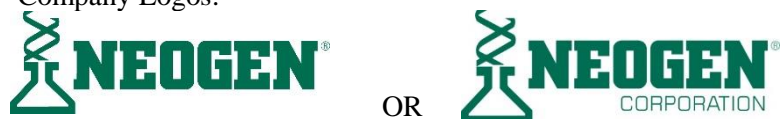
To the extent consistent with applicable law, Neogen Corporation shall not be liable for losses or damages resulting from handling or use of this product unless Neogen Corporation is promptly notified of such loss or damage in writing. To the extent allowed by law, Neogen Corporation shall not be liable for special, indirect or consequential damages resulting from the use or handling of this product. The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Neogen Corporation or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

For non-emergency (e.g., current product information),
Call: **1-800-621-8829**

Optional Marketing Statement/Logos/Graphics:

Chem-Tech is a Wholly-owned Subsidiary of Neogen Corporation.

Company Logos:



<Darkling Beetle Graphic/Silhouette>



<Ant Graphic/Silhouette>



<Cockroach Graphic/Silhouette>



<Flea Graphic/Silhouette>



<Fly Graphic/Silhouette>



<Tick Graphic/Silhouette>



<Barn Graphic/Silhouette>

