

PROZAP®

Sheep & Goat Spray

PERMETHRIN GROUP 3A INSECTICIDE

READY
TO USE



CONTAINS PERMETHRIN

Insect Control for Sheep & Goats For Indoor and Outdoor Use

For use on beef and dairy cattle, goats, sheep, hogs, dogs, horses and poultry to control flies, gnats, mosquitoes, lice and mites. For use indoors and outdoors (including poultry houses) to control flies, gnats, mosquitoes, lice and mites.

- *Insect control for Sheep, Goats and other listed farm animals*
- *Water based formula*
- *No oily residue*
- *With citronella*

Active Ingredient:

Permethrin* 0.5%

Other Ingredients: 99.5%

Total: 100.0%

* (3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate (Cis/Trans Ratio: Min. 35% (+/-) cis and Max. 65% (+/-) trans)

EPA Reg. 47000-148

EPA Est. No. 47000-IA-01

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for First Aid and additional Precautionary Statements.

NEOGEN

Net Contents:
1 gal. (3.78 L)



LK00408_0924

FIRST AID

If on Skin or on Clothing:	<ul style="list-style-type: none">Take off contaminated clothing.Rinse skin immediately with plenty of water for 15-20 minutes.Call a poison control center or doctor for further treatment advice.
Have product container or label with you when calling a poison control center, or doctor, or going in for treatment.	
	For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear the following:

- Long-sleeved shirt and long pants;
- Shoes and socks; and
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or Viton.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. 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.

This pesticide is highly toxic to bees and other pollinating insects 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 while bees or other pollinating insects are foraging the treatment area.

DIRECTIONS FOR USE

For 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.

Affix trigger, pump, or other type sprayer to container for application. Do not transfer to another container.

SHAKE WELL BEFORE USE

USE RESTRICTIONS

- Except when applying to pets or livestock, do not enter or allow others to enter until sprays have dried.
- Do not use on crops used for food, forage, or pasture.
- Do not apply this product with a sponge.
- Except when applying to pets and livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to pets and livestock, only protected handlers may be in the area during application.
- When used in Dairy Barns or Facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects.
- Remove or cover milking utensils before application. Wash teats of animals before milking.
- Not for use in outdoor residential misting systems.
- Do not use in commercial food/feed handling establishments, restaurants, or other commercial facilities where food is commercially prepared, processed, served, or stored. Do not use in institutions, schools, office buildings, or similar commercial buildings.
- Do not breathe vapors or spray mist.
- Cover or remove all food processing surfaces and utensils during treatment, and thoroughly wash before use.
- Do not apply when food or drinking water is present.
- Not for broadcast use on indoor residential surfaces.
- Do not use in aircraft cabins.
- Not for use in commercial animal premise automatic misting systems.
- Do not contaminate food or feedstuffs.
- Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



INDOOR APPLICATION

For spot application only. Do not use as a space spray indoors. In the home, cover all food processing surfaces and utensils during treatment or thoroughly wash before use. Cover or remove exposed food/feed. Remove pets, birds, and cover fish aquariums before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry. Do not enter or allow other to enter until sprays have dried.

For 60-Day (two months) Control of Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Firebrats, Spiders, Crickets, Clover Mites, Cheese

Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetles, Meal Worms, Grain Mites, and Caddises: Direct the Prozap Sheep and Goat Spray into hiding places, cracks and crevices, and behind shelves and drawers.

Surface Spraying

Hold sprayer approximately 12 to 15 inches away from surfaces to be treated and spray Prozap Sheep and Goat Spray until surface is damp, but not to the point of run-off.

To Control Fleas (Adults and Larvae) and Ticks, including Ticks which may carry Lyme Disease (Adults and Larvae):

Spot spray treatment of infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and for localized treatment of floors and floor coverings. Place fresh bedding in animal quarters following treatment. Repeat treatment every 2 weeks or 14 days as needed. Allow Prozap Sheep and Goat Spray to dry thoroughly before allowing pets to contact treated areas. To control the source of flea infestations, treat your pet with a product registered for animal application. Also, treat your yard with a product registered for yard application.

To Kill Lice and Louse Eggs:

Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying then proceed to spray entire area to be treated with Prozap Sheep and Goat Spray. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

ON LIVESTOCK

For Use To Protect Cattle (Beef and Dairy), Goats, Sheep, Hogs, and Horses:

To Control of Horn Flies, Face Flies, House Flies, Mosquitoes, and Gnats:

Apply a light mist of Prozap Sheep and Goat Spray sufficient to wet the surface of the hair. For face flies, spray face and head. Do not spray into eyes.

To Control of Stable Flies, Horse Flies, and Deer Flies:

Spray roots, walls and nests or cages thoroughly with Prozap Sheep and Goat Spray. This should be followed by spraying over the birds with a fine mist.

To Control of Blood-Sucking Lice:

Apply Prozap Sheep and Goat Spray to the infested areas of the animal using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

To Control of Poultry Lice:

Spray roosts, walls and nests or cages thoroughly with Prozap Sheep and Goat Spray. This should be followed by spraying over the birds with a fine mist.

To Control of Bed Bugs and Mites in Poultry Houses:

Spray Prozap Sheep and Goat Spray into crevices of roost poles, cracks in walls, and cracks in nest where the bed bugs and mites hide.

FOR PET DOG USE

Application of product on pet dogs must only be done indoors. Consult a veterinarian before using this product on debilitated, medicated, aged, pregnant, or nursing animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bath your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

To Control Fleas, Ticks, and Lice:

Start spraying at the tail moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and under body, with Prozap Sheep and Goat Spray. While spraying, fluff the hair so that the spray will penetrate into the skin. Make sure spray wets thoroughly, but does not saturate animal. Do not spray into eyes or face. Avoid contact with genitalia. Use protective gloves or mitts when applying this product. Repeat every 35 days as necessary for control.

NOTE: Not for use on puppies less than 12 weeks of age.

DO NOT USE ON CATS OR KITTENS.

OUTDOOR APPLICATION

USE RESTRICTIONS

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
 - 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);
 - Application to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
 - Application 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;
 - 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;
 - 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.
- 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 when the wind speed is greater than 15 mph.
 - Spot treatments must not exceed two square feet in size (for example, 2ft by 1 ft or 4 ft by 0.5 ft).
 - 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.



- Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to 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 treatment or crack-and-crevice treatment.
- Do not apply or 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.

(continued)

(Directions for Use, continued)

- 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.

APPLICATION INSTRUCTIONS

For Use as a Perimeter Treatment:

To Control Ticks, including Ticks which may carry Lyme Disease:

Use **Prozap Sheep and Goat Spray** as a residual treatment to control ticks, including the Deer Tick (*Ixodes dammini*), Lone Star Tick (*Amblyomma americanum*), Brown Dog Tick, (*Rhipicephalus sanguineus*), American Dog Tick (*Dermacentor variabilis*), and Western Black Legged Tick (*Ixodes pacificus*). For each of the areas listed below, apply until surface is wet, but not to the point of run-off.

Treat around windows and doors, porches, screens, eaves, patios, garages, under stairways, and in crawl spaces where these pests may enter.

Treat a band of vegetation and leaf litter 3 to 6 feet wide around the outside of buildings to help control ticks occurring there. To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6 to 10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.

To Control Garden Insects:

For use on roses, dahlias, asters, and other ornamentals to kill Japanese Beetles hit by spray, as well as Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites, and Leafminers. **Prozap Sheep and Goat Spray** may be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

Prozap Sheep and Goat Spray may also be used on other plants such as African violets, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwoods, English ivy, euonymus, fuchsia, geraniums, Crassula grape vines, Kerria palms, laurels, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jews, and zinnias.

Prozap Sheep and Goat Spray is effective when used as directed against Whiteflies, Aphids, Spider Mites, Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites, and Armyworms.

When spraying plants with **Prozap Sheep and Goat Spray**, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants, and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly with **Prozap Sheep and Goat Spray** whenever possible.

Not for use on plants being grown for sale or other commercial uses, for commercial seed production, or for research purposes. Not for use in commercial greenhouses.

Resistance Management Recommendations

For resistance management, **Prozap Sheep and Goat Spray** contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to **Prozap Sheep and Goat Spray** 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 **Prozap Sheep and Goat Spray** or other Group 3A insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use.
- 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 a cool, dry and secure area. Store in original sealed container away from food or feed.

PESTICIDE DISPOSAL: Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal options.

DISCLAIMER

To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling, or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or improper storage of this material.

For current product information, call 1-800-621-8829

FIRST AID

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- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
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Manufactured by:

Chem-Tech, Ltd.TM
1006 Business Highway 5
Pleasantville, IA 50225 USA

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Chem Tech, Ltd.TM is a wholly-owned subsidiary of Neogen[®] Corporation. LK00408_0924



Item No. 1485510



Prozap® Sheep and Goat Spray

Active Ingredient:

Permethrin0.5%

Other Ingredients:99.5%**Total**100.0%

* (3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate (Cis/Trans Ratio: Min. 35% (+/-) cis and Max. 65% (+/-) trans)

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA Reg. 47000-148

EPA Est. No. 47000-IA-01

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Net Contents: 1 gal. (3.79 L)



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