



Precor 2000[®] Plus

Premise Spray

- TREATS 2000 SQ. FT.
- CONTAINS PRECOR[®] INSECT GROWTH REGULATOR PLUS ADULTICIDES
- CONTROLS FLEAS AND TICKS
- FAST-ACTING FORMULA
- FOR USE IN COMMERCIAL/INDUSTRIAL BUILDINGS
- PREVENTS REINFESTATION AND FLEA BUILD-UP FOR 210 DAYS

SPECIMEN LABEL

ACTIVE INGREDIENTS:

(S)-Methoprene (CAS #65733-16-6) 0.085%
 Permethrin (CAS #52645-53-1) 0.350%
 Phenothrin (CAS #26002-80-2) 0.300%
 N-octyl bicycloheptene dicarboximide
 (CAS #113-48-4) 2.000%
 Piperonyl butoxide, Technical*
 (CAS #51-03-6) 1.400%

OTHER INGREDIENTS:** 95.865%
TOTAL: 100.000%

* Consists of 1.120% (butylcarbityl)(6-propylpiperonyl) ether and 0.280% related compounds. **Contains petroleum distillates.

EPA Reg No. 2724-490

KEEP OUT OF REACH OF CHILDREN
CAUTION
 SEE ADDITIONAL PRECAUTIONARY STATEMENTS

INTRODUCTION

Precor 2000[®] Plus kills adult fleas, hatching flea eggs, flea larvae, and ticks. PRECOR[®], the unique ingredient in Precor 2000[®] Plus provides 210 days' protection by preventing eggs from ever developing into biting fleas. For best results, use Precor 2000[®] Plus with Petcor[®] on-animal products for complete control of fleas and ticks.

READ ENTIRE LABEL BEFORE USE. NOT FOR USE ON HUMANS OR PETS.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling and

before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID	
If on skin or 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 treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give ANY liquid to the person. • Do not give anything by mouth to an unconscious person.
<p>In case of emergency, call 1-800-248-7763 or a poison control center. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>	
<p>NOTE TO PHYSICIAN/VETERINARIAN: Contains petroleum distillates – vomiting may cause aspiration pneumonia.</p>	

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING.

FOR USE IN THE HOME/GARAGE/KENNEL

1. **Identify treatment areas**, especially those where pets frequent, such as in and around pet's sleeping and resting areas. These are the primary areas where fleas, their eggs, and ticks are found. Before treatment, make a test application to upholstery, drapery, light-colored, delicate fabrics, or wood surfaces in an inconspicuous place.
2. **Prepare treatment areas**. Cover all food processing surfaces and utensils during treatment or thoroughly wash after product use. Cover or remove exposed food. Remove pets, and cover and unplug aquariums before spraying. Remove motor vehicles before using in garages. For best results with Surface/Carpet treatments, vacuum thoroughly before spraying and discard vacuum bag in outside trash. This product may also be used for infested surfaces inside motor vehicles.
3. **Apply treatment**. For flea/tick infestations, a single can treats 2000 square feet. Hold container upside down 2-3 feet from surface, point actuator towards the surface and push button. Using a sweeping motion, apply a light, uniform spray to all surfaces of furniture, rugs, carpets, drapes, and around all pet resting areas. Avoid thoroughly wetting surfaces. Mist treated areas only until "slightly damp". Do not over-treat. Reapply in 14 days, if necessary. **IMPORTANT:** Only complete and proper application to carpets, upholstery, drapes, and other fabrics will provide thorough flea/tick elimination. Keep people and pets out of areas during treatment. Vacate room after treatment, and ventilate until surfaces are dry before reoccupying.
4. For best results, eliminate fleas/ticks on pets with appropriate Petcor® on-animal products.

FOR USE IN HOSPITALS, HOTELS, MOTELS, OFFICES, SCHOOLS, SUPERMARKETS, TRANSPORTATION EQUIPMENT (BUSES, BOATS, SHIPS, TRAINS, TRUCKS), WAREHOUSES, UTILITIES, VETERINARY CLINICS AND OTHER COMMERCIAL AND INDUSTRIAL BUILDINGS

1. **Prepare treatment areas**. For best results with Surface/Carpet treatments, vacuum thoroughly before spraying and discard vacuum bag in outside trash. Test in an inconspicuous area before treating. Cover all food processing surfaces and utensils during treatment or thoroughly wash after product use. Cover or remove exposed food. Keep people and pets out of areas during treatment. Cover and unplug aquariums before spraying. Vacate room after treatment, and thoroughly ventilate until surfaces are dry before reoccupying.
2. **Apply treatment**. For flea/tick infestations, a single can treats 2000 square feet. Hold container upside down 2-3 feet from surface, point actuator towards the surface and push button. Using a sweeping motion, apply a light uniform spray to all surfaces of furniture, rugs, carpets, drapes, and around all pet resting areas. Avoid thoroughly wetting surfaces. Mist treated areas only until "slightly damp". Do not over-treat. Reapply in 14 days, if necessary. **IMPORTANT:** Only complete and proper application to carpets, upholstery, drapes, and other fabrics will provide thorough flea/tick elimination.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry area. Do not transport or store below 32°F. **Disposal:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

WARRANTY AND CONDITIONS OF SALE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information or in case of emergency, call **1-800-248-7763**.

www.zoecon.com

Wellmark International
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173



MATERIAL SAFETY DATA SHEET
PRECOR 2000 PLUS PREMISE SPRAY

Manufacturer: Wellmark International
Address: 1501 East Woodfield Road, Suite 200-West Schaumburg, IL 60173
Emergency Phone: 1-800-950-4783
Transportation Emergency Phone: CHEMTREC: 1-800-424-9300

1. CHEMICAL PRODUCT INFORMATION

Product Name: Precor 2000 Plus Premise Spray
Chemical Name/Synonym: (S)-Methoprene; isopropyl (2E,4E,7S)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate, Permethrin; [(3-phenoxyphenyl)methyl(+/-)cis-trans-3-(2,2-dichloroethyl)-2,2-dimethyl cyclopropanecarboxylate], Phenothrin: [3-phenoxyphenyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl cyclopropanecarboxylate], Piperonyl Butoxide; 5-[2-(2-butoxyethoxy)ethoxymethyl]-6-propyl-1,3-benzodioxole, N-octyl bicycloheptane dicarboximide; N-(2-ethylhexyl)-5-norbornene-2,3-dicarboximide
Chemical Family: Terpenoid/Pyrethroid
Formula: C₂₁ H₂₀ O₃ / C₁₉ H₃₄ O₃ / C₂₃ H₂₆ O₃ / C₁₉ H₃₀ O₅ / C₁₇ H₂₅ N O₂
EPA Registration No.: 2724-490
RF Number: 9910

2. COMPOSITION / INFORMATION ON INGREDIENTS

	<u>CAS Number</u>	<u>Weight</u>	<u>Tolerance</u>
(S)-Methoprene: [Isopropyl (2E,4E,7S)-11-methoxy-3,7,11- trimethyl-2,4-dodecadienoate]	65733-16-6	0.085%	
Permethrin: [(3-phenoxyphenyl)methyl(+/-)cis-trans-3-(2,2-dichloroethyl)-2,2-dimethyl cyclopropanecarboxylate]	52645-53-1	0.350%	
Phenothrin: [3-phenoxyphenyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl cyclopropanecarboxylate]	26002-80-2	0.300%	
Piperonyl butoxide	51-03-6	1.400%	Not established
N-Octyl bicycloheptene dicarboximide	113-48-4	2.000%	Not established
Inert ingredients (non-hazardous and/or trade secret):		95.865%	
Propane	74-98-6		1000 ppm (OSHA TWA), simple asphyxiant (ACGIH)

3. HAZARD INFORMATION

PRECAUTIONARY STATEMENT

CAUTION: Keep out of the reach of children. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Symptoms of intoxication to permethrin are hypersensitivity, tremors, diarrhea. Intoxication to solvents may cause dizziness, headache, nausea, narcosis, eye irritation, G.I. tract irritation, and cardiac arrhythmia in certain cases.

PRIMARY ROUTE OF ENTRY **Dermal/Eye:** Yes. **Oral:** No. **Inhalation:** Yes.

ACUTE TOXICITY

Oral: LD50 (rat) : >5,000 mg/kg body weight.
Dermal: LD50 (rabbit) : >5,000 mg/kg body weight.
Inhalation: 4-hour LC50 (rat) : >2.12 mg/L in air.

OTHER TOXICOLOGICAL INFORMATION

Skin Irritation: Moderately irritating to the skin.

Eye Irritation: Not an eye irritant.

Sensitizer: Weak sensitizer.

4. FIRST AID MEASURES

Eye: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes.

Skin: Take off contaminated clothing. Wash skin immediately with soap and water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Inhalation: Move individual to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Note to Physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.
Information: In case of emergency, call 1-800-950-4783 or a poison control center. Have the product container or label with you when calling a poison control center, or doctor or going for treatment.

5. FIRE FIGHTING MEASURES

NFPA Rating: **Health: 2** **Fire: 4** **Reactivity: 0**

Flammability Class: Level 1 aerosol.

Flash Point: Negative - no flash at less than 90° (C) (propellant-free concentrate).

Explosive Limits (% of Volume): LEL: 1.8, UEL: 9.5; (propellant-free concentrate).

Extinguishing Media: Water, CO2, dry chemical, or foam.

Special Protective Equipment: Firefighters should wear full protective clothing including self-contained breathing apparatus.

Fire Fighting Procedures: Contents under pressure. Exposure to temperatures above 130 F may cause bursting. Use water to keep fire exposed containers cool. Do not allow run-off water to enter waterways or sewers.

Combustion Products: Oxides of carbon.

Unusual Fire/Explosion Hazards: Contents under pressure. Do not puncture containers. Exposure to temperatures above 130° F may cause bursting.

Precor 2000 Plus Premise Spray

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken: Absorb spills with an inert material and put in container for disposal.

Absorbents: Clay granules, sawdust, dirt or equivalent.

Incompatibles: Strong oxidizers.

7. HANDLING AND STORAGE

Handling: Do not puncture or incinerate container. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation.

Storage: Store in a cool, dry area. Do not transport or store below 32° F.

8. EXPOSURE CONTROL / PERSONAL MEASURES

Exposure Limits: Propane: 1000 ppm (OSHA TWA), simple asphyxiant (ACGIH).

Ventilation: Use in a well ventilated area.

Personal Protective Equipment: If prolonged exposure is anticipated, it is recommended for handlers to wear a MSHA/NIOSH approved organic vapor/pesticide respirator, impervious gloves, goggles, and other appropriate clothing to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Turbid to opaque, almost colorless emulsion.

Boiling Point: N/A.

Melting Point: N/A.

Vapor Pressure (mm Hg): N/A.

Vapor Density (Air = 1): N/A.

Specific Gravity: 0.96 at 20° F (4° C) (propellant-free concentrate); 0.82 at 20° F (4° C) (end-use aerosol).

Bulk Density: N/A.

Solubility: N/A.

Evaporation Rate: N/A.

pH: 7.89 (propellant-free concentrate).

10. STABILITY AND REACTIVITY

Stability: Stable.

Reactivity: Non-reactive.

Incompatibility w/ Other Materials: Strong oxidizers.

Decomposition Products: None except oxides of carbon.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY [Specific to Active Ingredient(s)]

Methoprene is not considered an oncogenic compound. The NOEL for non-carcinogen effects in an 18-month mouse study was 250ppm (based on (RS)-Methoprene).

Permethrin showed no evidence of oncogenicity. A NOEL of 100 mg/kg was based on decreased body weight gain in the oncogenicity study.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY [Based on (RS) Methoprene Technical]

Methoprene is not a teratogen. The NOEL for maternal and embryotoxicity in rabbits was 200 mg/kg/day. The NOEL for reproductive effects in rats was 500 ppm.

Permethrin is not a teratogen. Rats were fed dose levels of 20 and 100 mg/kg diet in a 3-generation study. There was no effect on mortality, mating, pregnancy or fertility. Pup survival and growth were unaffected. Permethrin does not adversely affect reproduction in the rat.

MUTAGENICITY [Specific to Active Ingredient(s)]

Methoprene is not a mutagen. [Based on (RS)-Methoprene].

Permethrin was determined to be non-mutagenic in the following studies: Ames Test (in vitro), Chromosomal Aberration, and Host-Mediated.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE [Active Ingredients Only]

Hydrolysis: N/A.

Photolysis: N/A.

Soil half life: N/A.

Water solubility: N/A.

ECOTOXICITY [Active Ingredients Only]

Acute Toxicity: This product is not intended for aquatic environments. Pyrethroids are potentially toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Wastes resulting from use of this product should be disposed of in accordance with all federal, state and local requirements. For additional regulatory information, see section 15 of this document.

14. TRANSPORT INFORMATION

DOT49CFR Description: Consumer Commodity, ORM-D.

Freight Classification: Insecticides, O/T Poison N.O.S., NMFC I - 102120.

15. REGULATORY INFORMATION

CERCLA (Superfund): Not regulated by CERCLA.

RCRA: Regulated due to ignitability.

SARA 311/312 HAZARD CATEGORIES

Immediate Health: Yes (irritant).

Delayed Health: No.

Fire: Yes.

Sudden Pressure: Yes.

Reactivity: No.

The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.