

SHIELDTEC[®] FOR PLUS DOGS

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SHIELDTEC[™] PLUS FOR DOGS
PRODUCT DESCRIPTION: A liquid insecticide
EPA REGISTRATION NUMBER: 91300-1
COMPANY IDENTIFICATION: Promika, LLC
501 Cascade Pointe Lane, Suite 102
Cary, NC 27513
COMPANY PHONE NUMBER: (984) 664-9804
EMERGENCY PHONE NUMBER: (844) 685-9173

2. HAZARDS IDENTIFICATION

You may contact 1-844-685-9173 for emergency medical treatment information.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION Harmful if swallowed. Causes moderate eye irritation. Exposure of cats or animals other than dogs to this product may be fatal.

ENVIRONMENTAL HAZARDS: This product is extremely toxic to fish.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Chemical Name	CAS #	Composition
Permethrin	3-(phenoxyphenyl)methyl(±)-cis, trans-3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate	52645-53-1	45%
Pyriproxyfen	2-[1-methyl-2(4-phenoxyphenoxy)ethoxy]pyridine	95737-68-1	5%
D-Limonene	(R)-1-methyl-4-(1-methylethenyl)-cyclohexene[(R)-(+)-limonene]	5989-27-5	31%

4. FIRST AID MEASURES

FIRST AID	
IF SWALLOWED:	Immediately call a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF IN EYES:	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 treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product, call 1-844-685-9173.	

5. FIRE FIGHTING MEASURES

FLASH POINT (PMCC): > 200° F (> 93.3° C)

FLAMMABLE LIMITS (LFL-UFL): Not determined

FIRE & EXPLOSION HAZARDS: Full containers that are overheated and vapors that form inside empty containers may present an explosion hazard in a fire. Thermal decomposition will release irritating gases and fumes (see Section 10).

EXTINGUISHING MEDIUM: Foam, CO₂, or dry chemical

FIRE FIGHTING EQUIPMENT: Fire fighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

FIRE FIGHTING INSTRUCTIONS: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water/fire fighting water; do not allow to enter drains or waterways. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

NFPA RATINGS: Health – 2 / Flammability – 1 / Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately observing the precautions in Section 8 of this SDS. Isolate the hazard area and keep unnecessary and unprotected personnel from entering. Prevent material from contaminating soil or from entering sewage and drainage systems and bodies of water.

Absorb small spills with dry material and discard in a disposal container. Stop the leak, if possible. Ventilate the space involved. Construct a dike to prevent spreading and prevent waterway contamination. Collect run-off water and transfer to drums or tanks for later disposal.

For spills that soak into the ground, contact the applicable Federal, State and or County Health Dept. for disposal recommendations. Place in containers for recovery or disposal. Remove from spill location. Flush area with water spray, and collect rinsate. If disposal is required, refer to Section 13 of this MSDS for instructions.

7. HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Handle and open container in a manner that prevents spillage.

DO NOT USE ON CATS or animals other than dogs. May be toxic and potentially fatal if applied to or ingested by cats.

Do not use or store near heat or open flame. Protect from freezing. Store in original container and out of reach of children, preferably in a locked storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

PROTECTIVE CLOTHING: Chemical resistant gloves (Category A), protective eyewear, long sleeved shirt and long pants and shoes plus socks.

GENERAL: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Clear Amber Liquid
ODOR: Citrus
SPECIFIC GRAVITY: 1.003 g/mL (8.36 lbs/gal)
SOLUBILITY: N/A

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperatures and flames

CHEMICAL STABILITY: Stable but may decompose if burned

HAZARDOUS DECOMPOSITION PRODUCTS: None when stored and handled as prescribed. Thermal decomposition may release oxides of carbon as well as chlorine and hydrogen chloride.

IN COMPATIBILITY WITH OTHER MATERIALS: Strong acids and oxidizing materials

POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rat LD₅₀): 2,614 mg/kg (males), 1,660 mg/kg (females)

DERMAL TOXICITY (rat LD₅₀): > 2,000 mg/kg

INHALATION TOXICITY (rat LD₅₀): > 2.87 mg/L (4-hour)

EYE IRRITATION: Minimally irritating

SKIN IRRITATION: Non-irritating

SKIN SENSITIZATION: Not a contact sensitizer

CARCINOGENICITY:

ACGIH: Not Listed

NTP: Not Listed

IARC: Not Listed

OSHA: Not Listed

MUTAGENIC TOXICITY: No evidence of mutagenic effects during *in vivo* and *in vitro* assays

REPRODUCTIVE TOXICITY: No evidence in animal studies

12. ECOLOGICAL INFORMATION

This pesticide is highly toxic to fish. DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. DO NOT contaminate water when disposing of equipment washwaters.

13. DISPOSAL CONSIDERATIONS

CONTAINER DISPOSAL: Non-refillable container, do not reuse or refill this container. Place in trash or offer for recycling, if available.

If partly filled: Call your local solid waste agency for disposal instructions. NEVER place unused product down any indoor or outdoor drain.

14. TRANSPORT INFORMATION

WHEN SHIPPED IN CONTAINERS ≤ 119 GALLONS BY LAND:

Not regulated by DOT

WHEN SHIPPED IN CONTAINERS > 119 GALLONS OR OVER WATER OR BY AIR:

DOT PROPER SHIPPING NAME: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (contains Permethrin), 9, PG III, Severe Marine Pollutant

DOT Emergency Response Guide: 171

Freight Class: NMFC #102120, Class 60

15. REGULATORY INFORMATION

FIFRA: All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

SARA TITLE III – SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: Not listed

SARA TITLE III – SECTION 311/312 HAZARD CATEGORIES: Immediate

SARA TITLE III – SECTION 312 THRESHOLD PLANNING QUANTITY: N/A

SARA TITLE III – SECTION 313 REPORTABLE INGREDIENTS: Permethrin (CAS #52645-53-1): 45%

CERCLA: N/A

CALIFORNIA PROP 65 STATUS: This product contains no chemicals known to the State of California to cause reproductive harm or cancer.

16. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

DISCLAIMER:

THE INFORMATION IN THIS SDS IS BASED ON DATA AVAILABLE AS OF THE REVISION DATE GIVEN HEREIN, AND BELIEVED TO BE CORRECT. CONTACT PROMIKA TO CONFIRM IF YOU HAVE THE MOST CURRENT SDS. JUDGMENTS AS TO THE SUITABILITY OF THE INFORMATION HEREIN FOR THE INDIVIDUAL'S OWN USE OR PURPOSES IS NECESSARILY THE INDIVIDUAL'S OWN RESPONSIBILITY. ALTHOUGH REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF SUCH INFORMATION, PROMIKA EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF SUCH INFORMATION FOR APPLICATION TO THE INDIVIDUAL'S PURPOSES OR THE CONSEQUENCES OF ITS USE. This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responses and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.