



# SYNERGIZED Permethrin 1%™ POUR-ON INSECTICIDE

For use on cattle, sheep and their premises

For both indoor and outdoor use.

Controls lice and flies on beef cattle, lactating and non-lactating dairy cattle and calves when applied as a pour-on, mist spray or back rubber.

Controls keds on sheep and lambs when applied as a pour-on.

**ACTIVE INGREDIENTS:**

*Permethrin .....	1.00%
**Piperonyl Butoxide, Technical .....	1.00%

**OTHER INGREDIENTS\*\*\*:** ..... 98.00%

**TOTAL:** ..... 100.00%

\*Cis/trans isomers ratio: min. 55%(±) cis and max. 45%(±) trans

\*\*Equivalent to Min. 0.8% (butylcarbityl) 6-(propylpiperonyl).

\*\*\*Contains petroleum distillates.

EPA Reg. No.53883-75-12281 EPA Est. No.53883-TX-002

**KEEP OUT OF REACH  
OF CHILDREN  
CAUTION**  
See Back Label Panel for Additional  
Precautionary Statements

**NET CONTENTS:  
1 Gallon (3.785 L)**



**DIRECTIONS FOR USE** - This is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READY TO USE** - No dilution necessary except for back rubber devices.

APPLY TO	TARGET INSECTS	APPLICATION INSTRUCTIONS
Lactating and Non-lactating Dairy Cattle, Beef Cattle, and Calves	Lice, Horn Flies, Face Flies, Aids in control of Stable Flies, House Flies, Mosquitoes and Black Flies	<b>Dosage:</b> Apply ¼ fl. oz. (15 cc) per 100 pounds of body weight of animal up to a maximum of 5 fl. ozs. for any one animal. <b>Four-On:</b> Pour correct dose along back and down face. <b>Ready-to-Use Spray:</b> Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. <b>Apply spraying to eyes.</b> <b>Back Rubber Use:</b> Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. Results improved by daily force feed. <b>Wipe-on:</b> Wet a soft cloth with product and wipe around face and hard to reach areas while avoiding sensitive areas such as eyes.
Sheep	Sheep Keds, Lice	<b>Four Along Back:</b> Apply ¼ fl. oz. (7.5 cc) per 50 pounds body weight of animal, up to a maximum of 3 fl. ozs. for any one animal. For optimum control, all animals in the flock should be treated after shearing.

Premises-in and around Beef, Dairy, Swine, Sheep and Poultry premises, Annual Household Pans and Kennels and outside Meat Processing Premises:

For cattle, and sheep, repeat treatment as needed, but do not exceed 5 fl. ozs. every 14 day interval. For optimum lice control, two treatments at a 14 day interval are recommended. **Special Notes:** This product is not effective in controlling cattle grubs. This is an oil-base, ready-to-use-product that may leave an oily appearance on the hair coat of some animals. This product should be used in an integrated pest management system which may involve repeat treatments and the use of other pest control practices.

**PRECAUTIONS AND RESTRICTIONS - Entry Restrictions:** • For surface spray: Except when applying to dairy and beef cattle, calves, and sheep, do not enter or allow others to enter treated area until sprays have dried. • For space spray or fog applications: Except when applying to dairy and beef cattle, calves, and sheep, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated. **Application Restrictions** • Except when applying to dairy and beef cattle, calves, and sheep, do not apply this product in a way that will contact workers or other persons, either directly or through drift. • Except when applying to dairy and beef cattle, calves, and sheep, only protected handlers may be in the area during application. • Not for use in outdoor residential misting systems. • Not for metered release systems. • Do not apply when food or feed is present. • Do not apply by high pressure hand wand, hand held foggers, or fog/mist generators. • When used in dairy barns or facilities: Close milk bulk lines 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 commercial animal premise automatic misting systems. • All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: • Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to previous surfaces (e.g., soil, mulch, or lawn); • Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure; • 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; • 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 previous surfaces (such as soil, lawn, turf, mulch or other vegetation) only if the previous surface does not drain into ditches, storm drains, gutters, or surface waters. • **DO NOT** allow to enter indoor or outdoor drains. (*No permit la entrada a desagües internos o externos*). • **DO NOT** apply 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 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. • 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. **SPRAY DRIFT ADVISORIES - Handheld Technology Applications:** • Take precautions to minimize spray drift.

## STORAGE AND DISPOSAL

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

Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options. **Pesticide Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. Store in a locked area out of reach of children and domestic animals. In case of spillage or leakage, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** If empty - Non-refillable container: Do not reuse or refill this container. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **If partly filled:** Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

**PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION** - Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

**PERSONAL PROTECTIVE EQUIPMENT** - Applicators and handlers must wear: • Long-sleeved shirt and long pants; • Shoes plus socks; and • Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber, or viton. In addition, mixers/loaders, cleaners, cleaning equipment, and handlers performing animal dip applications must wear: • Chemical-resistant apron. 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 your 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** - • User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • User 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.

**FIRST AID** - Have the product container or label with you when calling the poison control center or doctor, or going for treatment. You may also contact SafetyCall™ International (866) 887-9050 for emergency medical treatment information. **If swallowed:** • Immediately call a poison control center or doctor. • 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. **If on skin or clothing:** • 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 inhaled:** • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice. **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 eyes. • Call a poison control center or doctor for treatment advice. **Note to Physician:** This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.

**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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**NOTE:** DURVEIT, INC. 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 ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. UNDESIRABLE, OR OTHER UNINTENDED, CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF DURVEIT, INC. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL DURVEIT, INC. BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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