

**ER-22**™ by **EcoRaider**®

# Insect Killer

Contains Botanical Active Ingredients

**CONCENTRATE** AQUEOUS EMULSION

## ACTIVE INGREDIENTS

Geraniol.....	2%
Cedarwood Oil .....	2%
Sodium Lauryl Sulfate.....	4%

**INERT INGREDIENTS**.....92%

Glycerol monooleate, Glyceryl dicaprylate, Silica hydrate  
and Water

**TOTAL**.....100%



Quick and high mortality  
Extended control by residual



Kills all stages inclusively  
Environmental friendly formula



Low odor and non-staining  
Green IPM program ready

Intended for use by pest management operators.  
A Minimum Risk Pest Control Product.

Keep Out of Reach of Children.

**CAUTION:**

SEE BACK FOR FIRST AID AND PRECAUTIONARY STATEMENTS.

1 Gallon ( 3.785 Liter )



This product contains botanical active ingredients that are natural insecticidal compounds extracted from plants. Formulated with patented technology, the product is made to provide fast action, high mortality and extended residual on target pest insects with lowest possible impact on user and environment.

The product is for use indoors or outdoors to control ants, bed bugs, mosquitoes crickets, dermestids, earwigs, fleas, flies, gnats, lice, midges, millipedes, mites, moths, silverfish, spiders, stink bugs, ticks, wasps, yellow jackets and other insect pests. May be used for in and around structure of environments including but not limited to: residential, commercial, municipal, schools, dormitories, hotels, offices, theaters, retail stores, airports, health care, daycare, nursing homes, shelters, public transportation and other locations where infestations may occur.

**DIRECTION FOR USE:** Read the entire label and **SHAKE WELL BEFORE MIXING AND USE.**

### MIXING INSTRUCTIONS AND EQUIPMENT:

This product should be mixed only with water as instructed. Use equipment such as hand pump sprayers, hand pressurized compressed air sprayers, backpack sprayer, ULV fogger or any non-thermal conventional fogging/spraying/misting equipment. Clean sprayer before use. Shake product well before mixing. Add about half of required amount of water to the tank first and then add the required amount of product, then add the remaining water. Seal tank and agitate well before use. Apply directly on surface to the point of run off. Suggest using mixed solution within 24 hours and maintain light agitation during use. Rinse equipment tank, hose and nozzle with water after use.

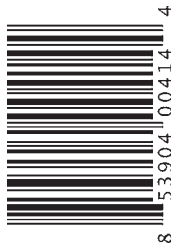
### MIXING AND APPLICATION RATE

Pests	Dilution Rate in Water (EcoRaider : Water )	Application Rate
Bed Bugs and Fleas	1:1 or 64oz/gallon	1 finish gallon per 1000 sqft.
Mosquitoes	2~6 oz/finish gallon	
Ants, Mites and other crawling insects	For infestation: 24oz/finish gallon or 1:5 For maintenance: 16oz/finish gallon or 1: 7	

**This is a minimum risk pest control product and is exempt from EPA registration under Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).**

Manufactured for Reneotech, Inc., 8400 River Rd., North Bergen, NJ 07047, Toll Free: (800) 338-0212  
EcoRaider® and logos are registered trademarks.  
US and international patent pending.  
[www.ecoraiderpmp.com](http://www.ecoraiderpmp.com),

BEST USE BEFORE



**USDA  
CERTIFIED  
BIOBASED  
PRODUCT**  
PRODUCT 31%



### **FOR BED BUG CONTROL:**

The product effectively controls bed bug infestations with fast knock down, high adult and egg mortality rate and extended residual activity. It quickly reduces overall bed bug activity by killing bed bug adults, nymphs and eggs, including pesticide-resistant strains.

Suggested dilution ratio is to mix 0.5 gallon or 64 oz of this product with water to make 1 gallon of finish spray. Application rate at 1 gallon per 1000 square feet for optimum performance.

Spray directly on structures such as closet and furniture especially edges and joints of bed frames, headboards box springs, mattresses, couches, chairs and other furniture. Also spray windows, blinds, curtains, wall, base boards, moldings, rugs or anywhere bed bug activities are found or normally occur. Spray until moist but not soaking. Spot treat edge, corner, seam, joints, cracks and crevices and other possible bed bug harborage areas.

This product can be used as a standalone tool or in conjunction with other treatment methods. When used with heat treatment, spray premises before heat for the best performance. Spot treatment is also suggested afterwards.

### **FOR MOSQUITO ADULT AND LARVAE CONTROL:**

The product effectively controls mosquito population around residential areas as adulticide and larvicide. It quickly kills adults by contact. When sprayed in stagnant water, it act as larvicide with extended residual activity.

It can be mixed with water and applied with pressurized compressed air sprayers, backpack sprayers, mist blowers, power sprayers, ULV foggers or automated spray systems. Suggest mixing rate is 2 oz up to 6 oz per finished gallon with water. A typical applying rate is 1 finished gallon for per 1000 sqft. Shake or agitate well both before and after mixing to ensure active ingredients evenly distributed in the solution.

To achieve both adulticidal and larvicidal performance in single treatment, spray the perimeter of a residence, spray on and around perimeter vegetation and standing water. Treat sites such as trees, shrubbery and other vegetation where mosquitoes may rest, harbor, or breed. For best results, treat the underside of leaves and vegetation spray to the point of runoff to ensure adequate coverage. Spray stagnant water bodies around residence for killing larvae. Spray any low lying and wet areas, stagnant pools and marshy areas where mosquitoes can breed. Avoid application to moving water such as streams, ponds or lakes.

## **FOR ANT AND CRAWLING INSECT CONTROL:**

The product effectively controls ants with fast kill, disrupting their trailing and foraging activity, and preventing re-entry with extended residual activity for at least 4 weeks as repellent.

Suggested dilution ratio is to mix 24 oz of this product with water to make 1 finished gallon for elimination or 16 oz per finished gallon for maintenance. Spray using a flat fan setting along ant trails and anywhere ants are found. Apply to the point of run off to ensure adequate coverage. Treat outside the structure where ants forage and at identified indoor points of entry if needed. Removing food source before treatment is recommended.

## **PRECAUTIONARY STATEMENT:**

Avoid direct contact with eyes and mouth. Protective eyewear is recommended. May be harmful if swallowed. May cause eye irritation or skin rash on sensitive skin type. Wash hands after use. Do not use if allergic to the product. Excessive spray on the floor that may cause slippery floor. Use caution signage if necessary. Product contains aromatic botanical extracts. Scent may be objectionable under prolonged exposure and it can be quickly dissipated with ventilation. Product contains water. Do not spray into conduits, junction boxes, electric outlets or appliances to avoid shock hazard. May decolorize paper, fabric, raw wood, suede or certain delicate furnishing surfaces or finishes. Test on small inconspicuous area before application to determine if discoloration occurs. For use in non-food areas only of food handling establishments. Do not spray directly on fruit or edible crops. A spot evaluation prior to large scale treatment is suggested to determine if phytotoxicity occurs.

## **FIRST AID:**

If product gets in eyes, hold eye open and flush with clean water gently for at least 15 minutes. If irritation persists, contact a physician. If product gets on skin, wash exposed area thoroughly with soap and water. If inhaled, move exposed person(s) to fresh air. If breathing problems persist, get medical attention. If ingested, rinse mouth out with water. If feeling sick, call a poison control center or doctor immediately. In case of spill or leakage, soak up with any absorbent material and dispose in trash.

**STORAGE:** Store upright in original container and keep tightly closed when not in use. Avoid heat or direct sunlight.

**DISPOSAL:** Do not reuse container. Offer for recycling if available or discard in trash.