

## **Safer® Brand #567 Pyrethrin & Insecticidal Soap Concentrate II (Item # 567GAL-32)**

### **PRECAUTIONARY STATEMENTS:**

Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Wash thoroughly with soap and water after handling this product and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**Mixers, loaders, applicators and other handlers must wear the following:**

- Long-sleeve shirt
- Long Pants
- Shoes and socks

Follow the 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 material that have been drenched or heavily contaminated with the 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.
- 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.

#### **NON-WPS USES:**

Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) --- in general, only agricultural-plant uses are covered by the WPS---must wear: clothing that avoids exposure of bare skin to product including long pants, long sleeves, shoes, and protective gloves. Goggles should be used for overhead exposure.

### **FIRST AID**

**If in eyes:** - Hold eye open and rinse slowly and gently with water for 15-20 minutes.

- Remove contact lenses, if present, after first five minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**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

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment advice.

**ENVIRONMENTAL HAZARDS for TERRESTRIAL APPLICATIONS:**

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has the potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. This product 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. 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 wash-waters or rinsate.

**PHYSICAL OR CHEMICAL HAZARDS:**

Flammable. Keep away from heat and open flame.

**DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as soil or water, is:

- Coveralls
- Chemical-resistant gloves, made of any waterproof material, and
- Shoes plus socks

**Precautions and Restrictions:**

Do not enter or allow others to enter until sprays have dried. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not wet plants to the point of runoff or drip. Not for use in outdoor residential misting systems

**Spray Drift Management for Agricultural Crops:** Avoiding spray drift at the application site is the responsibility of the applicator and the grower. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Do not apply at wind speeds greater than 10 mph at the application site. Do not make any type of application into temperature inversions. Apply as a medium or coarse spray (ASEBE standard 572). Do not release spray at a height greater than 4 feet above the ground or crop canopy.

**Mixing Directions:** Shake container of Safer® Brand #567 Pyrethrin & Insecticidal Soap Concentrate II thoroughly prior to mixing. Check compatibility of tank mix using a jar test with proportionate amounts of product and water before mixing in spray tank. Do not use this product in water with pH values above 8.0 unless a buffer solution is added to the water. If necessary, water should be buffered to neutral (pH=7.0) before adding this product to spray tank. Mix one part concentrate to 20 parts water (or 6.4 oz. concentrate per gallon of water). Use soft water whenever possible.

**Application Directions:** Always use freshly mixed solution. This product can be applied with all types of hand or power sprayers. Read and carefully follow the instructions for the type of sprayer you use. Apply when insects or signs of their damage appear. This product kills pests through contact. Pests must be directly contacted at time of application in order to be effective. Contact as many pests as possible. Use with caution on new tender foliage, and avoid spraying plants in full sun.

**Vegetables:** Apply one gallon of mixed spray per 700 sq. ft. of plant surface area. [Bottle contents treat 14,400 sq. ft.] Use as directed on asparagus, beans, broccoli, Brussels sprouts, cabbage, kale and oriental vegetables, herbs, lettuce, eggplant, peppers, tomatoes, potatoes, cucumbers, melons, and squash to kill ASPARAGUS BEETLES, BEAN BEETLES, COLORADO POTATO BEETLES, CUCUMBER BEETLES, FLEA BEETLES, CATERPILLARS (including CABBAGE LOOPERS, IMPORTED CABBAGEWORM, ARMYWORMS, HORNWORMS, DIAMOND BACK MOTH LARVAE), LEAF HOPPERS, PLANT BUGS, PSYLLIDS, APHIDS, (SPIDER) (RED) MITES, MEALYBUGS AND WHITEFLY. **Use Restriction:** Do not apply more than 10 times per season. Do not reapply within 3 days except under extreme pest pressure. In case of extreme pest pressure, do not reapply within 24 hours. Do not harvest until spray has dried.

**Fruits and Nuts:** Apply one gallon of mixed spray per 700 sq. ft. of plant surface area. [Bottle contents treat 14,400 sq. ft.] Use as directed on apples, avocados, citrus (grapefruit, lemons, oranges, tangerines), peaches, nectarines, blackberries, logan berries, raspberries, strawberries, and grapes to kill JAPANESE BEETLES, FLEA BEETLES, WEEVIL ADULTS, CATERPILLARS (including NAVAL ORANGE WORM, BAGWORMS, LEAFTIERS, CODLING MOTH AND TENT CATERPILLARS), APHIDS, LEAFHOPPERS, PSYLLIDS, SCALE CRAWLERS AND SAWFLY LARVAE. **Use Restriction:** Do not apply more than 10 times per season. Do not reapply

within 3 days except under extreme pest pressure. In case of extreme pest pressure, do not reapply within 24 hours. Do not harvest until spray has dried.

**Turfgrass and Lawns:** Apply one gallon of mixed spray per 475 sq. ft. of treatment area. [Bottle contents treat 10,000 sq. ft.] Use as directed on lawns and turf grass to kill CHINCH BUGS, LAWN MOTH, SOD WEBWORM, ARMY WORMS, TICKS, EUROPEAN CRANE FLY and other listed pests. **Use Restriction:** Do not apply more than 1 time per day.

**Ornamental Trees and Shrubs:** Apply one gallon of mixed spray per 475 sq. ft. of treatment area. [Bottle contents treat 10,000 sq. ft.] Use as directed on ornamentals including azaleas, camellias, cacti, dogwood, rhododendrons, evergreens, and broad-leaved shade trees to kill APHIDS, BEETLES, CATERPILLARS (including GYPSY MOTH LARVAE, TENT CATERPILLARS, WEBWORMS, BAGWORMS AND LEAFTIERS), LACE BUGS, BOX ELDER BUG, LEAFHOPPERS, PSYLLIDS, SAWFLIES, SCALES, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS, and WHOOLY APHIDS. **Use Restriction:** Do not apply more than 1 time per day.

**Important:** Do not use on horse chestnut, Japanese maple or mountain ash. Avoid spraying plants in full sun.

**Flowers:** Apply one gallon of mixed spray per 475 sq. ft. of treatment area. [Bottle contents treat 10,000 sq. ft.] Use as directed on asters, carnations, chrysanthemums, geraniums, marigolds, petunias, and roses to kill APHIDS, BEETLES (including FLEA BEETLES AND JAPANESE BEETLES), CATERPILLARS, PLANT BUGS AND WHITEFLY. **Use Restriction:** Do not apply more than 1 time per day. **Important:** Do not spray blooms or partially open flower buds. Do not use on bleeding heart or gardenias. Test on fuchsias and impatiens for varietal sensitivity.

**Houseplants:** Spray mixed spray evenly, completely coating plant surfaces where insects are feeding or resting. Do not wet plants to the point of runoff or drip. Use as directed on houseplants to kill APHIDS, CATERPILLARS, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS, SCALES and WHITEFLY. Reapply as necessary. Do not use on Crown of Thorns, jade plant or delicate Ferns. **Important:** Test on fuchsias and impatiens for varietal sensitivity.