

# Pyrenone® 30-3 INSECTICIDE

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 73049-414

## [• An Insecticide Spray Concentrate

- For Use in Food Processing and Storage, Hospitals, Hotels, Motels, Restaurants, Other Institutions and in Residences
- Also For Use in Automatic Insect Control Systems
- Provides Rapid Kill of Insects Without Leaving Objectionable Residues
- Food Additive Tolerances Have Been Established For the Insecticide Components in this Product. When This Product is Used As Directed, Allowable Tolerance Levels Will Not Be Exceeded
- Kills Gypsy Moth Caterpillars and Japanese Beetles
- Contains Pyrethrins, a Botanical Insecticide
- Contains Pyrethrins Combined with Piperonyl Butoxide to Give Rapid (Flush-Out and) Knockdown
- Pyrethrins Rapidly (Expels) (Flushes Out) and Knocks Down Bugs (Roaches) (Insects) from Cracks & Crevices (Their Hiding Places)
- Pyrethrins Insecticide is Made From Chrysanthemum Flowers
- Specially Formulated (Designed) to (Provide Fast and Effective) Kill of Crawling and Flying Insects (Pests)
- Fast Knockdown Formula
- Kills Fleas-Roaches-Ants-Spiders-Ticks
- Kills Ticks (Including Lone Star Ticks, Deer Ticks, Black Legged Ticks)
- Kills Ticks (Including ticks which may carry Lyme disease)
- Kills On Contact
- Kills Fast
- Kills Hidden Bugs
- Contains Valent BioSciences Butacide® Brand of Piperonyl Butoxide and Pyrenone® Brand of Pyrethrum]

## ACTIVE INGREDIENTS:

Pyrethrins .....3.0%

Piperonyl Butoxide\* .....30.0%

OTHER INGREDIENTS\*\* : .....67.0%  
100.0%

\*Equivalent to min. 24.0% (butylcarbityl)(6-propylpiperonyl) ether and 6.0% related compounds.

\*\*Contains Petroleum Distillates

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA Reg. No.: 73049-xxx

EPA Est. No.:

## KEEP OUT OF REACH OF CHILDREN WARNING

See Side Panel for Additional Precautions and First Aid

NET CONTENTS:

## FIRST AID

If in eyes:	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed:	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

## HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of medical emergencies or health and safety inquiries, or in case of fire, leaking or damaged containers, information may be obtained by calling 1-877-315-9819.

## NOTE TO PHYSICIAN

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

## PRECAUTIONARY STATEMENTS Hazards To Humans & Domestic Animals WARNING

Concentrate causes substantial but temporary eye injury. Do not get in eyes or on clothing. When handling concentrate, wear goggles or face shield. Harmful if swallowed. Do not breathe spray mist. Wear a NIOSH approved respirator with any R, P or HE filter to give adequate protection against this material. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

## Environmental Hazards

This product is 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.

## Physical or Chemical Hazards

Do not use or store near heat or open flame.

## DIRECTIONS FOR USE

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

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Remove pets and cover fish aquaria before application. Prevent re-entry of dogs and cats into treated areas until spray deposits have dried.

For use in and around (but not limited to): Animal areas & quarters, animal shelters, animal control centers, apartments, arcades, attics, auditoriums, bakeries, beverage plants, bars, basements, bathrooms, boats, bottling plants, breweries, brewery warehouses, buildings, buses, cabins, cabinets, cafeterias, campers, canneries, churches, city missions, circus tents, closets, club houses, commercial buildings, communication centers, condominiums, concession stands, court houses, crawl spaces, crematoriums, day care centers, delicatessens, department stores, diners, dog houses, drug stores, dumpsters, dwellings, egg processing plants, factories, freight containers, fruit packing sheds, funeral parlors, garbage bins, garbage cans, garbage compactors, garbage trucks, gas stations, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, homes, horse stables & barns, horse trailers, hospices, hospitals, hotels, indoor eating establishments, industrial installations, institutional dining areas, institutions, jails, kennels, laboratories, Laundromats, lavatories, libraries, liquor stores, locker rooms, marinas, mausoleums, meat packing plants, mess halls, mini-storages, mobile canteens, mobile homes, morgues, mortuaries, motels, movie theaters, museums, nursing homes, office building, other public buildings, parking garages, pool halls, prisons, private residences, public storage, railroad cars, recreational vehicles, research animal quarters, restaurants, retail stores, rice mills, schools, ships, ship holds, smoke shops, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, stores, supermarkets, taverns, textile mills & warehouses, theaters, tobacco factories, tobacco warehouses, tool sheds, trains, transportation equipment, trucks, truck trailers, tunnels, utilities, utility rooms, false ceilings vending machines, veterinary hospitals, wall & equipment voids, warehouses, washrooms, wholesale stores, wine cellars, wineries and zoos.

To prepare dilutions, agitate or stir the concentrate well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

For maximum effectiveness, a combination of localized surface application and space treatment is recommended.

## INDOORS

**AS A SURFACE SPRAY:** For initial clean-up of severe insect infestation, dilute at a rate of 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). This dilution may not be used in edible product areas of federally inspected meat and poultry plants. In these plants and for normal infestations, dilute 1 part concentrate in 29 parts water (4.3 ounces per gallon).

**TO CONTROL *cockroaches, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and cadelles*:** Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

**TO CONTROL *carpet beetles*:** Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving.

**TO CONTROL *fleas and brown dog ticks*:** Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor coverings. Place fresh bedding in animal quarters following treatment. Do not apply this product directly to pets. For best results, also treat dogs and cats with a flea and tick product labeled for use on dogs and cats.

**AS A SPACE SPRAY:** Dilute at a rate of 1 part concentrate to 59 parts water (2 fluid ounces per gallon). Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of ***adult house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, angoumois grain moths,***

**Mediterranean flour moths, Indianmeal moths and tobacco moths**, direct the spray at an upward angle distributing uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Ventilate and sweep up dead insects before reoccupying. For rapid kill of exposed or accessible stages of other insects named on this label, dilute 1 part concentrate in 5-29 parts water (4 to 25 ounces per gallon). Apply using conventional, mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of from 1 to 10 ounces per 1000 cubic feet of space. When used in meat and poultry processing plants, a dilution of no less than 1 to 5 is acceptable and it must be dispersed from equipment adjusted to deliver an aerosol spray (no droplets over 5 microns in diameter and 80% less than 30 microns).

Do not apply as a space spray while food processing is under way. Except in federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Do not apply at any time as an undiluted space spray in edible product areas of federally inspected meat and poultry plants. Cover or remove foods before treatments. Thoroughly wash all food processing surfaces before reuse. All surfaces in processing areas must be washed with an effective cleaning compound followed by a potable water rinse after spraying. In the home, cover or remove food processing surfaces or thoroughly wash before reuse. Cover or remove exposed food.

## OUTDOORS

**TO KILL Gypsy moth caterpillars and Adults, Adult Japanese beetles and Eastern and Forest Tent Caterpillars** on contact: Combine 1.0 fluid ounce of concentrate per 1 gallon of water. Apply to insure thorough coverage of upper and lower leaf surfaces.

**ON TREES AND SHRUBS:** Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application ever 7 days as necessary for control.

**ON ROSES AND IN FLOWER GARDENS:** Treat plants and flowers as soon as insects appear. Spray plants and flowers, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

**ON HORSES, DAIRY AND BEEF CATTLE:** To control **horn flies, house flies, mosquitoes and gnats**, dilute at the rate of 1 part concentrate to 119 parts water (1 fluid ounce per gallon) and apply to wet the hair thoroughly with particular attention to the

topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

**TO CONTROL stable flies, horse flies and deer flies**, dilute 1 part concentrate to 29 parts water (4.3 fluid ounces per gallon) and apply a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week or as needed.

**FOR USE IN OVERHEAD AUTOMATIC INSECT CONTROL SYSTEMS** to control **house flies, horse flies, stable flies, deer flies, ants, roaches, fleas, ticks, gnats and mosquitoes**, depending on the severity of infestation, treat with 0.1, 0.075, 0.067 or 0.05% pyrethrins by diluting with clean water as follows:

0.1%	1 part concentrate to 29 parts water.
0.075%	1 part concentrate to 39 parts water.
0.067%	1 part concentrate to 44 parts water
0.05%	1 part concentrate to 59 parts water

Mix well and set nozzles to deliver 1 ounce liquid per minute or 0.5 ounce per 30 seconds. Locate nozzles to cover a maximum of 2000 cubic feet of space. Set timer to operate 2 to 6 one-minute [4-12 30-second] cycles per 24 hour period depending on the severity of infestation.

Do not use these systems in nurseries or rooms where infants, the ill or aged persons are confined.

Do not install directly above or within 12 feet of any food handling or food dispensing area. Metering devices must be timed not to dispense while food processing is underway. Foods must be removed or covered during treatment. All food processing surfaces must be covered during treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse before using.

Do not install within 3 feet of air ducts.

Do not use in public places while customers or workers are present. Timers must be set to dispense only during non-business hours.

Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or conducting maintenance.

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#### STORAGE & DISPOSAL

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

##### CONTAINERS LARGER THAN ONE GALLON

**Pesticide Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill 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, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

##### CONTAINERS ONE GALLON AND SMALLER:

**Storage:** Store in original container in a cool, dry area inaccessible to children and pets.

**Disposal:** *If empty:* Do not reuse this container. Place in trash or offer for recycling if available. *If*

*partly filled:* Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT VALENT BIOSCIENCES CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

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[Indicates alternate text in addition to any subset of the directions for use.]

#### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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