



SYNOITA

Our Science ... Your Pest Solution

Product Catalogue



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Mission Statement

Synvita® is a dedicated supplier of professional high quality pest control solutions.

The unique, niche market products have been researched and developed using the latest innovative technologies.

Through education, training and careful product selection we are committed to sustainable integrated pest management and resistant management guidelines, these being core to fulfilling the goals of the industry whilst taking cognizance of the sensitivity of the environment.

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Exclusive Agricultural Distributors

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| Lionel's Veterinary Supplies (<i>Cape & Surrounds</i>) | (021) 932 2019 |

For distributors and other stockists enquiries please contact our head office.



PULSE® Wax Blocks

Reg. No.: L6189 Act 36 of 1947
 Namibia Reg. No.: N-AR 1213
 Zimbabwe Reg. No.: 15-F-7-18

ACTIVE INGREDIENT:

0,05g/Kg Brodifacoum (Anti-coagulant)
 Yellow Band - Harmful

**DESCRIPTION:**

This product is in the form of a cylindrical block, blue in colour with a central hole and weighing approximately 10g each. It is made from A-Grade flavour-enhanced cereals bound with wax. A wax block is easier to use than conventional loose cereal bait. PULSE® Wax Blocks are waterproof and the block size is appropriate to take advantage of brodifacoum's potency. These advanced formulations retain their effectiveness longer and are very attractive to rodents. PULSE® Wax Blocks contain a bitter substance that acts as a taste deterrent to prevent accidental poisoning of other animals and non target species. Rodents are unable to detect this ingredient.

DIRECTIONS FOR USE:

Use only as directed. Conduct a site survey to determine the nature and the extent of the infestation. Once established, ensure the correct placement of bait stations is made, as this is critical to the campaigns success.

NORWAY AND ROOF RATS: Place PULSE® Wax Blocks in a covered bait station to prevent access by children and domestic animals. Place 50-70g of PULSE® Wax Blocks per bait station along walls and active rat runs, in rat burrows and in sheltered areas where rats are known to live or feed. Bait points should be inspected and replenished every 7 days until feeding ceases.

MICE: Place 10-20g PULSE® Wax Blocks per bait station every 2-4m along walls or runways, in nests and in sheltered areas where mice are known to live and feed. The single feeding action of PULSE® Wax Blocks is particularly effective against mice with their small appetites and sporadic feeding behaviour.

GERBIL: Place 50-70g in protected bait stations 10m apart or 10-20g placed into active holes in the colony.

FIELD AND CROP APPLICATION: In general field application, blocks should be placed in rodent burrows or in a network of appropriate covered baiting stations. The dose per hectare would depend on the type of crop and the degree of infestation. No longer is it necessary for large quantities of bait to be continuously available, as was the case with earlier multi-feed anticoagulants. The advantages to using this bait are that together with high bait acceptability and the need for less bait the programme becomes more cost effective.

PACK SIZE:

30 x 80g
 12 x 500g
 3Kg
 10Kg

PULSE® Pellets

Reg. No.: L6190 Act 36 of 1947
 Namibia Reg. No.: N-AR 1217
 Zimbabwe Reg. No.: 15-F-7-18

ACTIVE INGREDIENT:

0,05g/Kg Brodifacoum (Anti-coagulant)
 Yellow Band - Harmful

**DESCRIPTION:**

This product is based on A-Grade flavour-enhanced cereals that are compressed to form a cylindrical pellet and are blue in colour. They are generally more attractive than blocks as they contain no wax binders and are more appropriate for use indoors in bait trays or bait boxes. However, they may be used outdoors providing they are protected in waterproof covered bait stations. Once wet they crumble. PULSE® Pellets contain a bitter substance that acts as a taste deterrent to prevent accidental poisoning of other animals and non target species. Rodents are unable to detect this ingredient.

DIRECTIONS FOR USE:

Use only as directed. Conduct a site survey to determine the nature and the extent of the infestation. Once established, ensure the correct placement of bait stations is made, as this is critical to the campaigns success.

NORWAY AND ROOF RATS: Place PULSE® Pellets in a covered bait station to prevent access by children and domestic animals. Place 50-75g of PULSE® Pellets per bait station along walls and active rat runs, in rat burrows and in sheltered areas where rats are known to live or feed. Bait points should be inspected and replenished every 7 days until feeding ceases.

MICE: Place 10-20g PULSE® Pellets per bait station every 2-4m along walls or runways, in nests and in sheltered areas where mice are known to live and feed. The single feeding action of PULSE® Pellets is particularly effective against mice with their small appetites and sporadic feeding behaviour.

GERBIL: Place 50-70g in protected bait stations 10m apart or 10-20g placed into active holes in the colony.

PACK SIZE:

30 x 80g
 12 x 500g
 3Kg
 10Kg

PULSE® Liquid Bait 0.075%

Reg. No.: L6192 Act 36 of 1947
 Namibia Reg. No.: N-AR 1216
 Zimbabwe Reg. No.: 15-F-7-17

**ACTIVE INGREDIENT:**

0,75g/Kg Brodifacoum (Anti-coagulant)
 Red Band - Very Toxic

DESCRIPTION:

This product is a liquid concentrate, blue in colour to which flavour enhancers have been added and a taste deterrent to prevent poisoning of non-target species. The taste deterrent is undetectable to rodents. This presentation is water-soluble and was developed for use in areas where drinking water can be restricted or in hot arid areas. Rodents drink water daily if available to them so when liquid baits are offered in conjunction with dry bait, the potential to ingest a lethal dose is increased. In some instances the food source available to rodents may be more attractive than the dry baits. Under these circumstances liquid bait should be used.

DIRECTIONS FOR USE:

Use only as directed. Conduct a site survey to determine the nature and the extent of the infestation. Once established, ensure the correct placement of bait stations is made, as this is critical to the campaigns success.

Initial Baiting

Mix one part of PULSE® with 15 parts of clean water (65ml to 1L of water) and place the mixed liquid poison in a Liquid Bait Dispenser or Bait Station.

Permanent Baiting

Mix one part of PULSE with 33 parts of clean water (30ml to 1L of water) and place the mixed liquid poison in a Liquid Bait Dispenser or Bait Station.

Liquid poison baits should be placed at floor level only. Place bait stations along walls and active rat runs and in sheltered areas where rats are known to live or feed. Bait points should be inspected regularly, daily for the first week and weekly thereafter. Replenish the bait stations as necessary. Permanent baiting should be continued in heavily infested areas in conjunction with other PULSE® Rodenticide Products.

PACK SIZE:

12 x 200 ml
 6 x 1L

GUARDIAN® Insect Spray

Reg. No.: L6493 Act 36 of 1947
 Namibia Reg. No.: N-AR 1221
 Zimbabwe Reg. No.: 15-D-112-25-D-93-20

**ACTIVE INGREDIENT:**

3.00g/Kg Permethrin (Pyrethroid)
 1.00g/Kg Tetramethrin (Pyrethroid)
 6.00g/Kg Piperonyl Butoxide (Synergist)
 Yellow Band - Harmful

DESCRIPTION:

GUARDIAN® is a Ready-To-Use insecticide emulsion for the control of ants and other crawling insects such as cockroaches, fleas, fishmoths, crickets and bedbugs.

GUARDIAN® kills crawling insects on contact and can provide effective control for weeks thereafter depending on the surface treated.

GUARDIAN® contains Permethrin (kill & residual) and Tetramethrin (knockdown) providing an effective broad-based treatment for crawling insects. Piperonyl Butoxide (synergist) increases the activity of the pyrethroids and plays a vital role in insect resistance management.

AREAS OF USE:

This Ready-To-Use formulation is applied through an easy to use trigger spray with an adjustable nozzle for the control of ants and other crawling insects in and around the home, in commercial and industrial premise, around camp sites and in caravans where ants and other crawling insects pests are found.

- Walls and wall floor junctions
- Table legs
- Storage compartments
- Cracks and crevices
- Inside and under cupboards, shelves and drawers
- Behind and under stoves, sinks and fridges
- Nest entrances and along insect trails
- Window sills
- Mattresses and bed frames (bedbugs)
- Pets bedding, blankets and carpets

PACK SIZE:

8 x 750ml

PERMADUST® Dusting Powder

Reg. No.: L7999 Act 36 of 1947
 Namibia Reg. No.: N-AR 1212
 Zimbabwe Reg. No.: 15-D-112-24

ACTIVE INGREDIENT:

5.00g/Kg Permethrin (Pyrethroid)
 40.00g/Kg Piperonyl Butoxide (Synergist)
 Blue Band - Caution

**DESCRIPTION:**

PERMADUST® is a broad spectrum, Ready-To-Use residual dusting powder treatment for the control of crawling insects that include cockroaches, ants, fleas, bedbugs, silverfish, crickets and beetles etc.

PERMADUST® is particularly valuable to use in areas where water and oil based insecticide formulations cannot be used.

PERMADUST® Dusting Powder is a particle formulation, which has physical properties associated with excellent residual capabilities for long lasting control.

AREAS OF USE:

This product is well suited to a wide range of situations that include:

- Public Health
- Schools
- Hostels
- Food Handling and Storage
- Canteens
- Factories
- Small Animal Bedding
- Kennels
- Animal Clinics
- Households
- Hotels
- Disinfestation Clinics
- Kitchens
- Restaurants
- Warehouses
- Domestic Premises
- Pet Shops
- Animal and Poultry Houses

Consideration should be given to applying product to the following areas:

- Under cupboards, shelves and drawers
- Under stoves, sinks and fridges
- Nest entrances and along insect trails
- Wall floor junction
- In electrical junction boxes
- Mattresses, bed frames and around base of table legs
- Cracks and crevices
- Pets bedding, blankets and carpets

PACK SIZE:

20 x 100g 3Kg

LONGLAST® Aerosol

Reg. No.: L7837 Act 36 of 1947
 Namibia Reg. No.: N-AR 1220
 Zimbabwe Reg. No.: 15-D-111-31-D-190-4

ACTIVE INGREDIENT:

2.20g/Kg Cypermethrin (Pyrethroid)
 1.10g/Kg Prallethrin (Pyrethroid)
 8.00g/Kg Piperonyl Butoxide (Synergist)
 Yellow Band - Harmful

**DESCRIPTION:**

LONGLAST® Aerosol exhibits excellent residual control against most crawling insect pests on many types of surfaces. The formulation contains higher inclusion rates of insecticide than aerosols found in supermarkets thereby offering improved efficacy. It can be used to compliment indoor residual spraying programmes conducted by registered Professional Pest Control Operators. A 360° valve and nozzle extension is fitted to the LONGLAST® Aerosol to facilitate treatments in hard to reach places.

LONGLAST® has been scientifically proven to provide rapid knockdown and killing action. The formulation exhibits excellent control against cockroaches, ants, fleas, fishmoths and crickets.

LONGLAST® contains two highly efficient pyrethroids synergized by Piperonyl Butoxide. Cypermethrin High Cis (kill) and Prallethrin (knockdown) have been shown to have excellent flushing properties and are recommended for cracks and crevice treatments.

Piperonyl Butoxide (synergist) increases the activity of the pyrethroids and plays a vital role in insect resistance management.

AREAS OF USE:

For use in areas where crawling insects are known to occur:

- Walls and wall floor junctions
- Cracks and crevices
- Inside and under cupboards, shelves and drawers
- Behind and under stoves, sinks and fridges
- Nest entrances and along insect trails
- Window sills
- Mattresses, bed frames and table legs
- Pets bedding, blankets and carpets

PACK SIZE:

12 x 300ml

DELTA 7 WP®

Reg. No.: L8605 Act 36 of 1947
 Namibia Reg. No.: N-AR 1219
 Zimbabwe Reg. No.: 15-D-110-58

ACTIVE INGREDIENT:

70.00g/Kg Deltamethrin (Pyrethroid)
 350.00g/Kg Piperonyl Butoxide (Synergist)
 Blue Band - Caution

**DESCRIPTION:**

DELTA 7 WP® has been successfully tested by an accredited laboratory and has been shown to be highly effective against all species of flies, mosquitoes, cockroaches, ants, silverfish, fleas, bedbugs and other insects of public health importance. DELTA 7 WP® is a modern high technology insecticide formulation containing the active ingredient Deltamethrin, recognized as one of the most powerful residual pyrethroids. It provides excellent residual activity against a number of crawling and flying insect pests. DELTA 7 WP® is formulated as a water dispersible, particulate formulation and has been combined with the resistance breaking synergist Piperonyl Butoxide, which increases the activity of the pyrethroid and plays a vital role in insect resistance management. The formulation offers excellent residual activity on most surfaces, exhibiting improved performance particularly on porous surfaces like raw cement and on challenging painted surfaces.

DELTA 7 WP® exhibits a fast knockdown and killing action against a broad spectrum of insects pests. It is odorless after application and is none staining and none tainting on household surfaces. DELTA 7 WP® is presented in a single unit sachet. This unit dose "Pump Charge" facilitates accurate dosing and reduces wastage. DELTA 7 WP® mixes quickly and easily with water, and should be applied through a quality compression sprayer. To ensure the correct application rates onto the target surfaces, use of a flat fan 8001E nozzle for non-porous surfaces and a flat fan 8002E nozzle for porous surfaces. When using a flat fan 8001E nozzle the concentration of the insecticide mix should be doubled. DELTA 7 WP® can be used in warehouses and other large storage facilities for the control of stored product insects and their larvae. The registration extends to the control of grain weevils, rice weevils, flour beetle, saw-toothed grain beetle, tobacco beetles, litter beetle & larvae, hide & skin beetle & larvae, tobacco moths, meal moth, fruit moth, and many other stored product insect pests.

AREAS OF USE:

The product is suitable for both indoor and outdoor use:

- High-density animal and poultry breeding areas
- Slaughterhouses, feedlots, dairies, stables, kennels
- Domestic homes, commercial, industrial and public buildings, warehouses and museums
- Canteens, restaurants, hotels, food manufacturing and process facilities

NB. When spraying in the presence of bedding and furniture we recommend that a cover sheet be placed over these items to prevent contamination of the bedding from fallout resulting from high level spraying. Pyrethroids may exhibit transient irritation to sensitive persons if contact is made to the skin.

PACK SIZE:

35g sachet

DOSAGE:

35g Sachet to 5L water treats 125m²

ICON CS® (Micro-encapsulated)

Reg. No.: L7860 Act 36 of 1947
 Namibia Reg. No.: N-AR 0814

ACTIVE INGREDIENT:

100.00g/L Lambda-cyhalothrin (Pyrethroid)
 Blue Band - Caution

**DESCRIPTION:**

Icon CS® has been successfully evaluated by the WHO Pesticides Evaluation Scheme (WHOPES) for indoor residual spraying for malaria prevention and control.

Icon CS® is a modern high technology insecticide containing the active ingredient Lambda - cyhalothrin, recognized as one of the most powerful pyrethroids available for the control of crawling and flying insects. It provides extended residual control of up to nine months compared to conventional formulations.

Icon CS® uses state of the art micro-encapsulation technology to give a product, which combines the ease of use of an emulsifiable concentrate, with the long lasting residual strength of a wettable powder. The insecticide is contained in a polymer microcapsule which remains intact on the target surface after spraying. The active ingredient is protected from the environment and offers extended residual activity, particularly on porous surfaces like cement and mud. It also shows improved performance on challenging vinyl painted surfaces when compared to other formulations.

Icon CS® exhibits a fast knockdown and killing action against a broad spectrum of insects. It has minimal odour after application and is none staining on household surfaces.

Icon CS® is presented in a single unit sachet. This unit dose "Pump Charge" facilitates accurate dosing and reduces wastage. The contents mix quickly and easily with water, and should be applied through a quality compression sprayer with a flat fan 8001E or 8002E nozzle. This ensures the correct application rates onto the target surfaces normally found in traditional and western type houses.

AREAS OF USE:

The product is suitable for both indoor and outdoor use in domestic homes, commercial, industrial and public buildings, slaughterhouses, high-density animal breeding areas, stables, kennels, canteens and restaurants.

- Beams, thatch, ceilings, walls and wall floor junctions
- Inside and under cupboards, shelves and drawers
- Behind and under stoves, sinks and fridges
- Window sills, window screens and other resting areas
- Bed frames

PACK SIZE:

10 x 62.5ml Sachets

DOSAGE:

One sachet (62.5ml) mixed to 10L of water to cover 250m²

DOMINO® Cockroach Gel Bait

Reg. No.: L9782 Act 36 of 1947
Zimbabwe Reg. No.: 15-D-155-20

ACTIVE INGREDIENT:

Fipronil (*phenyl pyrazole*) 0,6 g/Kg
Green Band

DESCRIPTION:

DOMINO® is an efficient, highly palatable ready-to-use gel bait for the control of German, American, Oriental and other common cockroach species and their nymphs.

DOMINO® is particularly valuable in sensitive areas where the use of conventional insecticides may not be practical and forms part of an integrated insecticide control programme.

Due to the very small amount of bait required per bait site and the cascade effect of the treatment ensures the toxicant gets to the source of the colony. After consuming DOMINO® bait containing Fipronil, an insecticide known to have delayed toxicant activity, cockroaches return to their harborage where they excrete faeces, urinate and die.

Toxicant transmission can then occur through direct contact with, or ingestion of, traces of bait dispersed by contaminated cockroaches. The insecticide-contaminated faeces, fluids and eventual insect carcass, can contain sufficient pesticide to kill others in the same nesting site with toxicant transfer. The cascading effect goes on to wipe out whole colonies.

DOMINO® is packed in specially designed UV protected syringe barrels to ensure the integrity of the bait is not compromised.

DOMINO® Cockroach Gel may be used both internally and externally.

- Domestic premises including kitchens and bathrooms
- Commercial kitchens, canteens, restaurants, food preparation, processing and storage premises
- Public Buildings including retail outlets, hospitals, hotels, schools, churches
- Commercial and industrial premises including factories, shops and warehousing
- Aircraft, motor vehicles, railway carriages, ships and boats

PACK SIZE:

4 x 35g

DOSAGE:

1-3 Spots per m² - Recommended spot size is 0,03g - 0,06g
1 Spot = 2-4mm in diameter

**ECOMATIC® Metered Aerosol**

Reg. No.: L8003 Act 36 of 1947
Namibia Reg. No.: N-AR 1222
Zimbabwe Reg. No.: 15-D-57-93

ACTIVE INGREDIENT:

15.00g/Kg Pyrethrum (*Natural Pyrethrum*)
150.00g/Kg Piperonyl Butoxide (*Synergist*)
Blue Band - Caution

**DESCRIPTION:**

ECOMATIC® is a metered insecticide aerosol developed for the control of both flies and mosquitoes.

ECOMATIC® is designed for use with the metered aerosol dispenser to provide 24 hour control of flies and mosquitoes for a 30 day period under continuous operation.

ECOMATIC® has been approved for use in kitchens, food preparation and other sensitive areas.

ECOMATIC® Metered Aerosol characteristics include:

A single aerosol used in accordance with the label instructions is adequate to treat a room of 180m³ (8.5m x 8.5m x 2.5m).

The formulation contains the natural active ingredient Pyrethrum, a biological product that is extracted from the flower of the *Chrysanthemum cinerariaefolium*.

It offers excellent knockdown, killing action and repellency when synergized by Piperonyl Butoxide.

The active ingredient inclusion rate is higher than that found in most other formulations, yet is more cost effective.

Unlike similar products the formulation does not damage the plastic found in other automatic dispensing units.

The smell is a pleasant, natural, flowery perfume.

AREAS OF USE:

- Residential dwellings
- Commercial and office premises
- Shopping complexes, supermarkets and retail catering establishment
- Hospitality industry
- Hospitals and clinics
- Food processing, packaging and storage facilities

PACK SIZE:

24 x 280ml

SYNMATIC® Metered Aerosol

Reg. No.: L8932 Act 36 of 1947

Namibia Reg. No.: N-AR 1530

Zimbabwe Reg. No.: 15-D-122-15-D-109-23

**ACTIVE INGREDIENT:**

10g/Kg d-Phenothrin (Pyrethroid)

2g/Kg d-Trans Allethrin (Pyrethroid)

120g/Kg Piperonyl Butoxide (Synergist)

Blue Band - Caution

DESCRIPTION:

SYNMATIC® is a metered insecticide aerosol developed for the control of both flies and mosquitoes. SYNMATIC® is designed for use with the metered aerosol dispenser to provide 24 hour control of flies and mosquitoes for a 30 day period under continuous operation. SYNMATIC® has been approved for use in kitchens, food preparation and other sensitive areas.

SYNMATIC® characteristics include:

- A single aerosol used in accordance with the label instructions is adequate to treat a room of 180 m³ (8.5m x 8.5m x 2.5m)
- The formulation contains synthetic pyrethroids with specific insect knockdown and kill properties. These ingredients breakdown in natural UV light.
- It offers excellent knock-down, killing action and repellency when synergized by Piperonyl Butoxide.

AREAS OF USE:

- Residential dwellings
- Commercial and office premises
- Shopping complexes, supermarkets and retail catering establishment
- Hospitality industry
- Hospitals and clinics
- Food processing, packaging and storage facilities

PACK SIZE:

24 x 280ml

SUPERFAST® Aerosol

Reg. No.: L7838 Act 36 of 1947

Namibia Reg. No.: N-AR 1218

Zimbabwe Reg. No.: 15-D-122-16-D-109-24-D-93-21

**ACTIVE INGREDIENT:**

1.60g/Kg d-Phenothrin (Pyrethroid)

0.90g/Kg d-Trans Allethrin (Pyrethroid)

0.90g/Kg d-Tetramethrin (Pyrethroid)

8.00g/Kg Piperonyl Butoxide (Synergist)

Yellow Band - Harmful

DESCRIPTION:

SUPERFAST® is an insecticide aerosol developed for the control of both flying and crawling insects. The formulation contains higher inclusion rates of insecticide than aerosols found in supermarkets thereby offering improved efficacy. A 360° valve and nozzle extension is fitted to the SUPERFAST® to facilitate treatments in hard to reach places. SUPERFAST® has excellent knockdown and kill properties and has been scientifically tested and proven to control cockroaches, flies, mosquitoes, ants, fleas, fishmoths and crickets. SUPERFAST® contains three highly active photolabile pyrethroids, synergized by Piperonyl Butoxide. The d-Phenothrin (kill), d-Trans Allethrin and d-Tetramethrin (knockdown) active ingredients have been shown to have excellent flushing properties and are recommended for cracks and crevice treatments. Piperonyl Butoxide (synergist) increases the activity of the pyrethroids and plays a vital role in insect resistance management.

AREAS OF USE:

SUPERFAST® can be used in and around the home, in commercial and industrial buildings, in campsites and caravans where flying and crawling insects pests are a nuisance. The product is a contact spray with good flushing properties and is used by Professional Pest Control Operators.

Space Spray:

For the treatment of an average size room close windows and doors and spray a 5-8 second burst of the SUPERFAST®. Commence spraying at the furthest part of the room from the exit.

Contact Spray:

For flying and crawling insects spray a 1-2 second burst directly at the target. For fleas, spray carpets and the top and underside of mats and rugs.

Flushing:

This aerosol is a useful tool for Professional Pest Control and QC staff when conducting site surveys and audits. The flushing characteristic allows the technician/operator to identify the insect pest/s and plan a successful integrated pest management programme. Spray a 1-2 second burst into cracks, crevices, cupboards, drawers, under sinks and any other potential insect harborages. The photolabile pyrethroids in this formulation are known to cause hyperactivity. The resulting irritation drives the insect out of their hiding places, increasing the pick-up of a lethal dose. If used in conjunction with a surface spray it is advisable to apply the residual surface sprays prior to any space or crack treatment.

PACK SIZE:

12 x 300ml

NIMBUS® Space Spray

Reg. No.: L8012 Act 36 of 1947
 Namibia Reg. No.: N-AR 1215
 Zimbabwe Reg. No.: 15-D-57-92

ACTIVE INGREDIENT:

5.00g/Kg Pyrethrum (*Natural Pyrethrum*)
 40.00g/Kg Piperonyl Butoxide (*Synergist*)
 Yellow Band - Harmful

DESCRIPTION:

NIMBUS® is an ultra low volume (ULV) space spray or thermal fogging solution developed for the control of stored product insects and insects of public health and veterinary importance. It is used in the control of both flying and crawling insects.

NIMBUS® contains the active ingredient pyrethrum that is extracted from the flower of the *Chrysanthemum cinerariaefolium*. When synergised with Piperonyl Butoxide, natural pyrethrum offers excellent knockdown, flushing and killing action against many insect pests.

NIMBUS® can be applied to the target area using an electric ULV machine such as the Hudson Pro ULV Sprayer or other cold aerosol generators or thermal fogging equipment.

NIMBUS® can be used with confidence in and around food processing areas, tobacco warehouses, markets, water supplies and other sensitive areas.

AREAS OF USE:

NIMBUS® is used in warehouses and other large storage facilities for the control of stored product insects and their larvae. The registration extends to the control of grain weevils, rice weevils, sawtoothed grain beetle, tobacco beetles, tobacco moths, meal moth, fruit moth, flour beetle and many other stored product insect pests. The product can also be used for the control of all species cockroach, ants, fleas, flies and mosquitoes.

- General warehousing
- Grain silos, agricultural seed storage
- Tobacco warehouses, processing and storage
- Food manufacturing, processing and storage
- Mosquito and Vector Control Programmes
- Tobacco warehouses, processing and storage
- Hotels, hospitality industry and restaurants
- Farms, stables, dairies, high density animal and poultry breeding areas
- Refuse tips and infill sites

PACK SIZE:

10 x 1L
 20L

DOSAGE:

300ml Covers 1000m³

**SNAP® Fly Bait**

Reg. No.: L8395 Act 36 of 1947
 Namibia Reg. No.: N-AR 1214
 Zimbabwe Reg. No.: 15-D-5-21

ACTIVE INGREDIENT:

10.00g/Kg Methomyl (Carbamate)
 1.00g/Kg Z-9 Tricosene (Pheromone Attractant)
 Blue Band - Caution

DESCRIPTION:

SNAP® is a highly effective Ready-To-Use granular bait that can be used either as a dry scatter bait or placed in specially designed bait containers, or wet as a surface spray or "paint-on". The product can be painted directly onto resting sites or onto boards that are vertically hung. Alternatively, the bait can be sprinkled onto moistened cotton wool or sacking in a shallow container and positioned in rain protected areas where flies congregate.

SNAP® has been scientifically proven to attract and kill flies quickly by both contact and stomach action. Oral intake greatly improves the speed of kill and delays resistance development.

SNAP® plays a valuable roll in fly control programmes. The product is easy to use and does not require specialist equipment to apply to potential target areas. SNAP® is manufactured from food ingredients known to be highly attractive to flies and the short-range fly pheromone Z-9 Tricozene. The pheromone promotes the aggregation of adult fly populations, which greatly improve the product's results.

AREAS OF USE:

- Poultry houses
- Refuse sites
- Piggeries
- Horse stables
- Dairies
- Cattle pens and feedlots
- Sewage drains
- Around pit latrines

Other high density breeding areas

PACK SIZE:

20 x 100g
 10 x 500g
 5Kg
 20Kg

DOSAGE:

Dry bait - Lightly sprinkle bait in a shallow container

Scatter bait - Evenly scatter granules (200g per 50-100 m²), over surface

Liquid bait - For heavily infested areas prepare a viscous solution of the granules mixing 500g of bait to 500ml of warm water. Stir well. It is not necessary to completely dissolve all the granules. A 500g solution can be used to "paint" a target area of 2-4m² and will provide effective fly control for a surrounding area of 200m².



Insects & Product Index

| | Ant | Bedbug | Cockroach | Cockroach Nymph | Cricket | Fishmoth | Flea | Flea Larvae | Mosquito | Mosquito Larvae |
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| PULSE® Wax Blocks | | | | | | | | | | |
| PULSE® Pellets | | | | | | | | | | |
| PULSE® Liquid Bait | | | | | | | | | | |
| GUARDIAN® Insect Spray | * | * | * | | * | * | * | | | |
| PERMADUST® Dusting Powder | * | * | * | * | * | * | * | | | |
| LONGLAST® Aerosol | * | | * | * | * | * | * | | | |
| DELTA 7 WP® | * | * | * | * | * | * | * | | * | |
| DOMINO® Cockroach Gel Bait | | | * | * | | | | | | |
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| SYNMATIC® Metered Aerosol | | | | | | | | | * | |
| SUPERFAST® Aerosol | * | | * | | * | * | * | | * | |
| NIMBUS® Space Spray | * | | * | | * | | | | * | |
| SNAP® Fly Bait | | | | | | | | | | |
| Dimilin® WP25 | | | | | | | | * | | * |
| Dimilin® SC48 | | | | | | | | * | | |
| Dimilin® GR-2 | | | | | | | | * | | * |
| Vectobac WDG | | | | | | | | | | * |

| Fly Maggots | House Fly | Sewage Fly | Lesser House Fly | Horn & Buffalo Flies | Blow Fly | Stable Fly | Mushroom Fly | Fungus Gnats | Insects of Public Health Importance | Stored Product Insects | Rodents | Moths | Potato Tuber Moth Larvae | Meal Moth |
|-------------|-----------|------------|------------------|----------------------|----------|------------|--------------|--------------|-------------------------------------|------------------------|---------|-------|--------------------------|-----------|
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Insects & Product Index

| | Tobacco Moth | Tropical Warehouse Moth | Dried Fruit Moth/Indian Meal Moth | Grain Weevil | Rice Weevil | Greater Grain Borer | Lesser Grain Borer | Litter Beetle | Litter Beetle Larvae | Skin & Hide Beetle Larvae |
|----------------------------|--------------|-------------------------|-----------------------------------|--------------|-------------|---------------------|--------------------|---------------|----------------------|---------------------------|
| PULSE® Wax Blocks | | | | | | | | | | |
| PULSE® Pellets | | | | | | | | | | |
| PULSE® Liquid Bait | | | | | | | | | | |
| GUARDIAN® Insect Spray | | | | | | | | | | |
| PERMADUST® Dusting Powder | | | | | | | | * | | |
| LONGLAST® Aerosol | | | | | | | | | | * |
| DELTA 7 WP® | * | * | * | * | * | * | * | * | * | * |
| DOMINO® Cockroach Gel Bait | | | | | | | | | | |
| Icon CS® | | | | | | | | | | |
| ECOMATIC® Metered Aerosol | | | | | | | | | | |
| SYNMATIC® Metered Aerosol | | | | | | | | | | |
| SUPERFAST® Aerosol | | | | | | | | | | |
| NIMBUS® Space Spray | * | * | * | * | * | * | * | | | |
| SNAP® Fly Bait | | | | | | | | | | |
| Dimilin® WP25 | | | | | | | | | | |
| Dimilin® SC48 | | | | | | | | | | |
| Dimilin® GR-2 | | | | | | | | | | |
| Vectobac WDG | | | | | | | | | | |

| | Tobacco Beetle | Flour Beetle | Carpet Beetle | Sawtoothed Grain Beetle | Red Rust Flour Beetle |
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DIMILIN®

Insect Growth Regulator (IGR)

Reg. No.: L7140 Act 36 of 1947 (*Dimilin® SC48*)
 Reg. No.: L5483 Act 36 of 1947 (*Dimilin® WP25*)
 Reg. No.: L8030 Act 36 of 1947 (*Dimilin® GR-2*)



ACTIVE INGREDIENT:

480g/Kg Diflubenzuron (*Dimilin® SC48*)
 250g/Kg Diflubenzuron (*Dimilin® WP25*)
 20g/Kg Diflubenzuron (*Dimilin® GR-2*)
 Blue Band - Caution

DESCRIPTION:

Dimilin® belongs to a modern class of insecticides, the benzoyl ureas, commonly referred to as Insect Growth Regulator (IGR's). They have a mode of action very different to conventional neurotoxic insecticides.

Insect larvae that are controlled by the active ingredient diflubenzuron come predominantly from the families Diptera (flies/mosquitoes) and Lepidoptera (butterflies/moth). Unlike most conventional larvicides that attack the nervous system of a broad spectrum of insects, the active ingredient in Dimilin® works on a narrow spectrum of insects to disrupt the normal molting process. Diflubenzuron enters the insect larvae through contact or ingestion and interferes with its ability to form chitin, the material that makes up the exoskeleton. Treated larvae are either unable to escape the old larval skin, or the new, weak cuticle of the new instar is lethally injured and larvae dies before reaching the next growth stage.

Dimilin® is available in three formulation types, namely Dimilin® SC48, Dimilin® WP25 and Dimilin® GR-2. All Dimilin® products have been formulated differently to better perform specific larviciding functions.

Dimilin® SC48 is a suspension concentrate formulation containing 480g active ingredients per kg. Suspension concentrates are liquid based formulations, which facilitates easy dosing and mixing when preparing the solution.

Dimilin® WP25 is a wettable powder formulation containing 250g active ingredient per kg and is the most commonly used formulation to treat both fly and mosquito breeding sites.

Dimilin® GR-2 is an easy to apply granular formulation with effervesence characteristics allowing the active ingredient to spread quickly and evenly in the treated area. Dimilin® GR-2 can be applied directly to the site via suitable granule spreading equipment, by hand or after dilution with water. Dimilin® GR-2 is recommended only for use in wet fly-breeding sites due to the conditions necessary for the effervesence to perform correctly. Dimilin GR-2 is ideal for use in calf pens where moisture control is critical.

The toxicity of diflubenzuron to mammals is very low and at the recommended application rates is non-toxic to fish, wildlife, domestic animals and is easily degraded in soil and water.

DIMILIN®

Insect Growth Regulator (IGR) (Continued)

AREAS OF USE:

Dimilin® SC 48, Dimilin® WP 25 and Dimilin® GR-2 can be applied directly to fly and mosquito breeding sites.

Mosquitoes

- Small pools and ponds
- Flooded river beds and gravel/sand pits
- Rivers, dams, reservoirs and flood water
- Coastal salt marshes
- Sewage ponds and beds
- Irrigation ditches
- Waste sites and tyre dumps

Flies

Breeding areas may be found in decaying, fermenting or rotting organic matter in and around the following:

- Poultry houses
- Refuse sites
- Piggeries
- Horse stables
- Dairies
- Cattle pens and feedlots
- Calf pens
- Sewage drains
- Pit latrines
- Mushroom houses



PACK SIZES:

- 12 x 1L DIMILIN® SC48
- 12 x 1Kg DIMILIN® WP25
- 12 x 1Kg DIMINLIN® GR-2

DOSAGE:

- Fly control = 20 - 40g / 5L water / 10m² (WP 25)
- = 10 - 20ml / 5L water / 10m² (SC 48)
- = 250g - 500g / 10m² (GR 2)
- Mosquito control = 1g - 2g / 100m² (WP 25)
- = 0.5ml - 1ml / 100m² (SC 48)
- = 1.25kg - 5kg / 1 Hectare (GR 2)



VECTOBAC® WDG

Reg. No.: L7224 Act 36 of 1947

ACTIVE INGREDIENT:

Bacillus thuringiensis subsp. *israelensis*

Blue Band - Caution

**DESCRIPTION:**

Vectobac® WDG microbial insecticide comprises crystal proteins derived from the naturally occurring bacterium, *Bacillus thuringiensis* subsp. *israelensis*. Vectobac® WDG uses a unique strain that does not, like lesser products form spores. This reduces product viscosity, facilitating handling and eases any environmental concerns over introducing large numbers of viable bacterial spores into water bodies.

Vectobac® WDG is an environmentally benign insecticide whose active ingredient is naturally occurring, highly specific in activity and practically non-toxic to animals and man.

Vectobac® WDG is highly selective to mosquito; black fly and mushroom fly larvae, with rapid action (about 24 hours), therefore simplifying performance monitoring. The risk of resistance development is very low with no cases being reported in over twenty years.

Vectobac® WDG is the ideal material to be used in areas where chemical approaches are considered inappropriate due to risk of water contamination or hazard to non-target organisms. Overall, excellent cost efficiency, high potency, reliability, and quality have made it the premium quality Bti-of-choice in many countries around the world. Vectobac® WDG continues to set the very high standard by which all other Bti's are judged.

AREAS OF USE:

Vectobac® WDG can be applied to *Simuliidae* and *Chironomidae* breeding areas through conventional ground spraying equipment including compression sprayers and knapsack sprayers. It may also be applied undiluted or with minimal dilution through suitable ground or aerial ULV application equipment.

- Small pools and ponds
- Flooded river beds and gravel/sand pits
- Rivers, dams, reservoirs and flood water
- Lagoons and creeks
- Coastal salt marshes
- Sewage ponds and beds
- Irrigation ditches
- Storage drinking water tanks
- Waste sites and tyre dumps

PACK SIZE:

1 x 500g
24 x 500g

DOSAGE:

Mosquito Larvae: 200g per hectare for clean water
300g per hectare for moderately polluted water
1Kg per hectare for heavily polluted water

Bait Station and Liquid Bait Dispenser

Bait station is an essential pest control tool for both indoor and outdoor use in rodent control programs and supports HACCP guidelines. The combat bait station is a cost-effective rodenticide bait station that is both lockable and tamper proof. Includes 1 universal key per pack of 5 bait stations.

Liquid Bait dispenser is a durable, easy to use calibrated container. The base and container clip together easily thereby reducing accidental spillage often associated with screw systems.

GENERAL INFORMATION:

Before any bait placement is made it is necessary to conduct a site survey to determine the nature and the extent of the infestation. Once established, ensure that the correct placement is made, as this is critical to the campaigns success. As these products are poisonous if swallowed, maximum care should be taken to prevent the accidental poisoning of humans, domestic animals and wildlife. The use of well designed, tamper-proof bait stations should be sited in areas that are inaccessible to non-target species whenever possible.

**AREAS OF USE:
(Indoor & Outdoor)**

Domestic, Commercial, Industrial and Agricultural Premises.

- Residential homes and office blocks.
- Plant nurseries.
- Hostels, hospitals, hotels, kennels, schools, restaurants.
- Food processing, packaging and storage.
- Retail catering establishments, supermarkets.
- Dockland warehouses.
- Piggeries, aviaries, poultry houses, stables and other high density breeding areas.

PACK SIZE:

5 x Bait Station per pack.
1 x Key per pack of 5.
Extra keys available on request.



CIRRUS® Metered Aerosol Dispenser

DESCRIPTION:

CIRRUS® Metered Aerosol Dispenser is a high quality metered aerosol dispenser constructed from ABS plastic making it resistant to staining and discolouration from metered aerosol solvents.

CIRRUS® comes complete with a day/night sensor and a 12/24 hour operating option.

The Dispenser's timing settings can be adjusted to customers preferences, however when using the ECOMATIC® and SYNMATIC® Metered Aerosol the setting should be set to fire every 15 minutes.

AREAS OF USE:

This metered aerosol dispenser is suitable for use with ECOMATIC® and SYNMATIC® Metered Aerosols for the control of mosquitoes and flies in the following areas.

- Residential dwellings
- Commercial and office premises
- Shopping complexes, supermarkets and retail catering establishments
- Hospitality industry
- Hospitals and clinics
- Food processing, packaging and storage facilities



HUDSON X-PERT Sprayers

DESCRIPTION:

The Hudson X-Pert Sprayer is a high quality compression sprayer manufactured from chromium-nickel stainless steel for use in residual pesticide application.

X-Pert Sprayers are specially engineered and built to meet the precise and standardized application procedure used in residual pesticide applications for malaria control. They conform to the World Health Organization (WHO) specifications and are associated with years of proven durability, uniformity and performance in vector control.

SPARE PARTS & ACCESSORIES:

Wefco Marketing International holds stock of critical service parts for the compression sprayers. The X-Pert Sprayers are supplied with the standard 8002E flat fan, stainless steel nozzles.

Other nozzles available include 8001, 8001E or 8002.

Complete service kits capable of servicing 10 Hudson X-Pert Sprayer pump units are available.

Bended lances, popular among Pest Control Operators are available for all models of the X-Pert Sprayers.

PUMP MODELS:

- 67422 AD - 15L
- 67222AD - 7.5L



HUDSON PRO ULV

DESCRIPTION:

The Hudson Pro ULV Sprayer is an electrically operated Ultra Low Volume (ULV) machine capable of producing 7-46 micron droplets with an average discharge particle size of 8.5 micron. The effective discharge carry in still air is 30m.

The Hudson Pro ULV Sprayer performs the same function as a space spray aerosol but on a much larger scale allowing effective coverage of the target area in the minimal amount of time. The unit has a controllable discharge rate of 0.71g to 566g per minute.

The Hudson Pro ULV Sprayer comes standard with a commercial coil hose for directing chemical accurately into or at the target area. The flow rate of product can be adjusted from 5.5L - 53L per hour.

The Hudson Pro ULV Sprayer can be used with a wide variety of chemicals that include insecticides, disinfectants, germicides, fungicides, miticides and deodorants.

AREAS OF USE:

Hudson Pro ULV Sprayer can be used for in agriculture, horticulture, pest control and public health.

- Feed-lots, dairies, high density animal and poultry breeding areas
- Warehouses
- Food preparation and processing areas
- Domestic, commercial and industrial buildings
- Roof voids and difficult to reach spaces
- Green houses and tunnels

WORKING CAPACITY:

7L



HUDSON PROPANE FOG

DESCRIPTION:

The Hudson Fog is an ergonomically designed, hand held, propane fogging machine complete with a safe, self igniting piezo ignition switch.

The Hudson Fog when used with the NIMBUS® Space Spray produces a thick lingering fog for the control of stored product insects and other pests of public health importance. The penetration of the fog is excellent and greatly improves flushing of insects from hiding places and cracks and crevices.

(Propane Gas Bottle sold separately. Please contact Synvita® for enquiries)

AREAS OF USE:

Hudson Propane Fog can be used in and around the following areas:

- Domestic, commercial and industrial buildings
- Gardens
- Warehouses
- Food preparation and processing areas
- Used to monitor airflow currents within poultry houses (paraffin only is recommended)

WORKING CAPACITY:

2L

GAS CYLINDER:

400g



HUDSON PLANTER MIST

DESCRIPTION:

The Hudson Planter Mist is a robust, well design hand pump sprayer, which has a tough stable 1.25L container. The Hudson Planter Mist is an easy to pump unit with a thumb-operated shut-off. The nozzle can be adjusted from a jet stream to fine mist.

The Hudson Planter Mist is ideal for the small scale application of insecticides, fungicides and herbicides in the home and garden.

AREAS OF USE:

- Rose and garden care
- Stump spraying
- Misting of plants
- Wall paper removing
- Dyes marking
- Indoor plants care
- Applying liquid fertilizers
- Lubricant spraying

WORKING CAPACITY:

1.25L



HUDSON VIM SPRAYER

DESCRIPTION:

The Hudson Vim Sprayer is an 8.5L HDPE compression sprayer with a 5L working capacity. It is a lightweight, tough and durable and made from virgin UV light resistant plastic. The Hudson Vim Sprayer has a wide opening funnel for splash-free filling and easy cleaning. It comes with an adjustable carry trap made with none absorbent materials and requires no tools for servicing.

The Hudson Vim Sprayer has a uniquely designed, highly efficient pump that pressurizes 15% faster than equivalent pumps. The seals and mono valve are manufactured from chemical resistant VITON.

AREAS OF USE:

The Hudson Vim Sprayer is ideal for the application of:

- Detergents / bactericides
- Water and liquid fertilizers
- Pesticides in the home, garden and in horticulture
- Wall paper removers
- Lubricants

ACCESSORIES:

The Hudson Vim Sprayer can be fitted with a flat fan nozzle.

WORKING CAPACITY:

7.5L



TRIGGER BOTTLE

DESCRIPTION:

The Trigger Spray Bottle is an ergonomically designed 750ml bottle that is calibrated. Neck sizes available are 28/400 & 28/410.

The Trigger Spray Bottle is available with a variety of trigger head designs and colours.

AREAS OF USE:

Trigger Spray Bottle

- Rose and garden care
- Spraying of Indoor and outdoor pests
- Hygiene and cleaning practices
- Misting plants
- Fertilizer application
- Wall paper removing
- Lubricating



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