SureKill® SK50

An Insecticide Spray for use in Food Processing and Storage Facilities, Mushroom Houses, Hospitals, Hotels, Motels, Homes/Residences, Restaurants, and Other Commercial and Institutional Buildings

Ready to Use

ACTIVE INGREDIENT:

Pyrethrins 0.5%
*Piperonyl Butoxide 1.0%
N-Octyl Bicycloheptene Dicarboximide.....1.0%
****OTHER INGREDIENTS:** 97.5%
TOTAL 100.0%

* (Butylcarbityl)(6-propylpiperonyl) ether and 0.2% related compounds.
**Contains Petroleum Distillates

EPA Reg. No.47000-174 EPA Est. No. 47000-IA-01

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID HAVE LABEL WHEN OBTAINING TREATMENT ADVICE	
If Swallowed:	• Call a Poison Control Center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If on Skin or on 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 mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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 eye. • Call a poison control center or doctor for treatment advice.

Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration hazard.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long-sleeve shirt,
- Long pants,
- Shoes and socks,
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber, or Viton.

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a half face NIOSH-approved respirator with:

- Any R or P filter with a NIOSH approval number prefix TC-84A

In addition to the above PPE, applicators using handheld foggers in an enclosed area must wear a half-face (with goggles), full-face, or hood-style NIOSH-approved respirator with:

- A NIOSH approved particulate filter with any R or P filter with NIOSH approval number prefix TC-84A;
- A NIOSH approved canister for pesticides with NIOSH approval number prefix TC-14G;
- A NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

USER SAFETY REQUIREMENTS

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 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. Users 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.

This specimen label is intended for use only as a guide in providing general information regarding the directions, warning and cautions associated with the use of this product. As with any pesticide, always follow the label instructions on the package before using.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

READ THIS LABEL: Read this entire label and follow all use directions, use restrictions and precautions.

GENERAL:

This concentrate is designed for use undiluted in mechanical sprayers that give particles of aerosol size. It can be diluted with refined kerosenes, which meet Food Additive Regulation as defined by CFR Title 21, 172.884 and applied to fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects shown later on this label. Only protected handlers may be in the area during application.

RESTRICTIONS

Entry Restrictions:

For Surface Spray Use:

- Do not enter or allow others to enter until sprays have dried.

For Space Spray Use:

- Do not allow adults, children or pets to enter the treated area for at least 15 minutes, until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.

Application Restrictions:

- Do not apply this product in a way that will contact workers or others persons, either directly or through drift. Only protected handlers may be in the area during application.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
- Do not wet articles to point of runoff or drip.
- Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- Do not make space spray application when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray application, cover food processing surfaces or clean after treatment and before use.
- Do not apply more than 1 time per day.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Remove pets, birds, and cover fish aquariums before spraying.
- Do not use in aircraft cabins.
- For Indoor Use Only
- Not for use in outdoor residential misting systems (indoor or outdoor).
- Do not use treated article until spray has dried.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- After spraying in bakeries, meat packing plants, food processing plants, etc. all benches, shelving, equipment, etc. where food will be handled must be washed with an effective cleaning compound followed by a potable water rinse prior to use.

INDOOR AREAS

For Use in and Around the following areas:

Animal areas and 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, False Ceilings, Freight Containers, Fruit Packing Sheds, Funeral Parlors, Garbage Bins, 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, Mausoleums, Meat Packing Plants, Mess Halls, Mini-Storages, Mobile Canteens, Mobile Homes, Morgues, Mortuaries, Motels, Movie Theaters, Museums , Nursing Homes, Office Buildings, Other Public Buildings, Parking Garages, Pool Halls, Prisons, 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 and Warehouses, Theaters, Tobacco Factories, Tobacco Warehouses, Tool Sheds, Trains, Transportation Equipment,

Trucks, Truck Trailers, Tunnels, Utilities, Utility Rooms, Vending Machines, Veterinary Hospitals, Wall and Equipment Voids, Warehouses, Washrooms, Wholesale Stores, Wine Cellars, and Zoos.

FOR THE CONTROL OF INSECTS

Almond moths, Angoumois Grain Moths, Ants, Black Fly, Box Elder Bugs, Brown Dog Ticks, Cadelles, Carpet Beetles, Cereal Beetles, Cheese Mites, Chees Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cockroaches, Coffee Bean Weevils, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Deer Flies, Dermestid Beetles, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Face Flies, Firebrats, Flat Grain Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Horseflies, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Fleas, Fruit Flies, Mediterranean Flour Moths, Merchant Grain Beetles, Midges, Miller Moths, Millipedes, Mosquitoes, Flying Moths, Palmetto Bugs, Pillbugs, Red Flour Beetles, Rice Flour Beetles, Rusty Grain Beetles, Saw-toothed Grain Beetles, Silverfish, Skipper Flies, Spiders, Spider Beetles, Stable Flies, Sowbugs, Ticks, Ticks that may carry and transmit Lyme Disease, Tobacco Moths, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, and Yellow Mealworms.

INDOOR USE – UNDILUTED

ULV and Space Spray:

Use in aerosol generators to kill exposed accessible stages of Flies (including Fruit Flies), Mosquitos, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Box Elder Bugs, Earwigs, Ants and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Cadelles, and Red Flour Beetles. Remove or cover exposed food and food handling surfaces. Close room and shut off all air-conditioning or ventilating equipment. Apply at a rate of 1 fluid ounce undiluted concentrate per 1000 cubic feet of space. Direct spray toward upper corners of room and ceiling. Do not apply this undiluted spray in residential areas of facilities operating under USDA Meat, Poultry, Shell Grading and Egg Products Inspection Programs.

Crack and Crevice Spot Treatment

To control the listed insects below: Use a good sprayer adjusted to deliver a coarse wet spray. Spray as directed undiluted at the rate of ½ gallon to 1000 square feet.

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. Repeat treatment as necessary.

To Control Bedbugs:

Spray mattresses lightly, particularly around tufts and seams. Do not treat pillows, bedding or clothing. Remove linens and wash before reuse. Allow treated mattress to dry thoroughly before remaking bed. Take beds apart and spray in all joints. Allow to dry thoroughly before making the bed. Treat baseboards, moldings and floors. Repeat treatment as needed but no more than 1 time per day.

To Control Wasps and Hornets:

Apply at dusk when insects are at rest. Spray liberally into hiding and breeding places contacting as many insects as possible. Repeat as necessary.

To Control Spiders:

Spray directly on spiders and web. Repeat if necessary.

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 covering. Fresh bedding must be placed in animal quarters following treatment. **Do not treat pets with the product.** Use an approved product to control pests on the animal in conjunction with the treatment for optimum results.

Contact and Space Spray

Not Registered For This Use in the State of California at the rate of ½ ounce per 1000 cubic feet

To Kill Cockroaches, Waterbugs, Earwigs, Silverfish, Ants and Spiders:

Using no more than 10 fluid ounces per 1000 square feet, direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborages areas, walls, floors, underneath sinks, behind pipes, and in all places that harbor insects to provide penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact food. Then treat as a space spray. Apply at the rate of ½ fluid ounce per 1000 cubic feet of space. Ventilate thoroughly before re-entry. Do not apply this undiluted spray in residential areas of facilities operating under USDA Meat, Poultry, Shell Grading and Egg Products Inspection Programs.

Note: If there is a need to treat such areas as conduits, motor housing, junction and switch boxes or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for oil to dissipate before starting motor or placing switches in "ON" position.

Treatment of Stored Food Areas (Foods in Multi-Walled Bags, Cloth Bags, Other Packaging Stored in Listed Areas

Not Registered For This Use in the State of California at the rate of ½ ounce per 1000 cubic feet

For the Control of Accessible Stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Meal Worms, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitos, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Meal Worm, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles, and other listed insects:

Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for that purpose. As noted above, using no more than 10 fluid ounces per 1000 square feet, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of ½ fluid ounce per 1000 cubic feet of room space.

On Peanuts, Nuts, Beans (including cocoa), Seeds and Copra in Bags or Other Packaging:

Not Registered For This Use in the State of California at the rate of ½ ounce per 1000 cubic feet

For the Control of Accessible Stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Meal Worms, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitos, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Meal Worm, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles, and other listed insects:

Apply to the surface of stored or bagged products using no more than 10 fluid ounces per 1000 square feet. Also spray walls, floors, other surfaces, and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at a rate of ½ fluid ounce per 1000 cubic feet (0.52 ml/m^3) of room space by directing the spray toward the ceiling and upper corners of the area and behind any obstruction.

Contact and Space Spray – Undiluted

To Kill Cockroaches:

Using and appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevice to completely fill wall, equipment and other small structural void areas. Leave room ventilation or air conditioning on during application. Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

INDOOR USE – DILUTED

Space Spray

For use in mechanical fogging, thermal fogging or spraying equipment to control accessible stages of Almond Months, Angoumois Grain Moths Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Spiders, Spider Beetles, Yellow Meal Worms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils and Khapra Beetles:

Remove or cover exposed food and cover food handling surfaces in edible product areas of food handling establishments. Close room and shut off air conditioning or ventilating equipment. Dilute concentrate with a white mineral oil conforming to Regulation CFR Title 21, §121.2589(b) or an odorless light petroleum hydrocarbon conforming to CFR Title 21, §121.1182 at the rate of 1 part concentrate to 2 parts oil and mix well. Apply at the equivalent rate of 1.0 fluid ounce of concentrate per 1000 cubic feet of space, filling the room with mist. Do not enter or allow others to enter until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Surface Spray

To control accessible stages of Ants, Drugstore Beetles, Earwigs, Cockroaches, Silverfish, Beetles, Box Elder Bugs, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Cigarette Beetles, Meal Worms, Grain Mites, Cadelles, Crickets, Spiders and other listed insects:

Dilute 1 part concentrate to 11 parts suitable diluent, mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 1000 square feet of surface. To ensure maximum control of crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and other surfaces, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks and water pipes, around the base of heavy machinery and equipment contacting as many insects as possible.

Ants:

Spray directly into nests, along trails and directly on all ants observed.

For use in Transit Protection

To control accessible stages of listed insects, clean and spray truck beds, boxcars, ship holds, and other listed transit equipment before loading. Dilute 1 part concentrate plus 11 parts oil or 12 fluid ounces per gallon and mix well. Thoroughly treat walls and floors. Spray each layer of cartons or containers lightly as stacked. Apply diluted spray at the rate of 1 gallon per 1000 square feet. To control *Indian Meal Moths and Angoumois Grain Moths* in stored grain, apply to the surface of binned grain at a rate of 1 gallon of diluted product per 1000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing before spraying and make a second application in two weeks.

Contact Spray – Diluted for Use with Sprayers That Give Large, Wetting Spray Particles

To kill accessible stage of granary insects such as Cadelles, Confused Flour Beetles, Grain Mites, Granary Weevils, Meal Moth Larvae and Adults, Red Flour Beetles, Rice Weevils, and Saw Toothed Grain Beetles:
Cover or removed exposed food and close room as described above. Dilute contrite with oil at the rate of 1 part concentrate plus 11 parts of oil or 12 fluid ounces of per gallon and mix well. Spray outside walls of grain bins, flooring, about base of milling machinery, walls and baseboards, areas behind cabinets, around pipes and other insect harborages using 1 gallon spray per 1000 square feet of space. Force spray into all cracks and crevices.

Dried Fruit Products In Storage or Being Processed
Not Registered For This Use in the State of California

For control of Confused Flour Beetles, Dried Fruit Beetles, Indian Meal Moths, and Saw Toothed Grain Beetles:
Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 5 parts oil or 27 fluid ounces per gallon and mix well. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one-half ounce per 1000 cubic feet of space. Repeat application at this dosage in any given month. Sweep up and destroy fallen insects

Stored Food (Stored in Multi-Wall Bags, or Cloth Bags) in flour mills, grain elevators, granaries, storage rooms, warehouses
Not Registered For This Use in the State of California at the rate of ½ ounce per 1000 cubic feet

For control of Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Skippers, Cigarette Beetles, Confused Flour Beetles, Dark Meal Worms, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw Toothed Grain Beetles and Yellow Meal Worms:
Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 5 parts oil or 27 fluid ounces per gallon and mix well. Disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of ½ fluid ounce per 1000 cubic feet of space. Do not remain in treated areas and ventilate area before reentry. This application will kill accessible, exposed states of those stored product pests listed above. Sweep up and destroy fallen insects.

Zoos

As a space spray diluted for use on conventional mechanical fogging equipment to kill flies, gnats, mosquitos, and small flying moths:
Dilute 1 part concentrate plus 5 parts oil (refined kerosene) and mix well. Apply at a rate of 2 fluid ounces of concentrate per 1000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure, filling the room with mist. Repeat treatment when reinfestation occurs, but no more than one time per day.

For Use in Federally Inspected Meat and Poultry Places

For control of exposed or accessible stages of ants, earwigs, flies, fruit flies, gnats, mosquitos, silverfish, small flying moths, spiders and waterbugs:
Dilute one part concentrate with 1 part base oil (refined kerosene) and use with a ULV spraying device at the application rate of 1 ounce per 1000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary, but not more than one time per day.

Note: When using oil as the diluent, an odorless light petroleum hydrocarbon as defined by CFR Title 21, §172.884 should be used for all food area and food related applications. Additionally, when diluted and used according to label directions, this spray will meet specifications for use under USDA meat, poultry, shell egg grading, and egg products inspection programs.

STORAGE AND DISPOSAL

Do not contaminate feed, food or water by storage or disposal.
Pesticide Storage: Store in a cool, dry area under lock and key. Keep in an area away from heat or open flames that is inaccessible to children and pets. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulation on lower shelves and dry formulations above.
Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry)
Container Handling: Nonrefillable container. Do not reuse or refill this container.
Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with diluent and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinstate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available, or recondition if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures as approved by state and local authorities.

DISCLAIMER

DISCLAIMER: To the extent permitted by applicable law, seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

OR

LIMITED WARRANTY

To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

OR

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.
To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g. current product information)
call: **1-800-621-8829**

Manufactured By:
Chem-Tech, Ltd.
1006 North Highway 5
Pleasantville, IA 50225

SureKill® is a Registered Trademark of Neogen Corporation.

This specimen label is intended for use only as a guide in providing general information regarding the directions, warning and cautions associated with the use of this product. As with any pesticide, always follow the label instructions on the package before using.

Optional Marketing Statements: ChemTech, Inc. is a Wholly Owned Subsidiary of Neogen Corporation.

Code (NU.RA.) NU.RA.

Item No.:
Net Contents: 32 ounce
UPC: 0 45446 02740 (2)
Format: UPC-A
Label:

Item No.:
Net Contents: 6 x 32ounce
UPC: 000 45446 02745 (7)
Format: Interleaved 2-0f-5
Label: Case

Item No.: 1746500
Net Contents: 1 gallon
UPC: 0 45446 02730 (3)
Format: UPC-A
Label: LABFSK50
LABBSK50

Item No.: 1746500
Net Contents: 4 x 1 gallon
UPC: 000 45446 02735 (8)
Format: Interleaved 2-0f-5
Label: Case

SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

SureKill® SK50

Revision 1

Revision date 2018-10-08

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	SureKill® SK50
Product code	1746500

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC8] Biocidal products (e.g. Disinfectants, pest control);
Description	Liquid insecticide.

1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Lesher Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333

Further information

Manufactured By:	Chem-Tech Ltd. 1006 Business Highway 5 Pleasantville, IA 50225 U.S.A. Chem-Tech Ltd. is a wholly-owned subsidiary of Neogen Corporation.
Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms

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SureKill® SK50

Revision 1
Revision date 2018-10-08

2.2. Label elements

Signal Word	Danger
Hazard Statement	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal plant (in accordance with local/regional/national/international regulation).

2.3. Other hazards

Other hazards	No data is available on this product.

SECTION 3: Composition/Information on Ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Distillates (petroleum), hydrotreated light.		64742-47-8			90 - 100%	Asp. Tox. 1: H304; STOT SE 3: H336;
n-Octyl bicycloheptene dicarboximide.		113-48-4			0.5 - 1%	Skin Sens. 1: H317; Eye Irrit. 2B: H320; Acute Tox. 4: H332; Aquatic Acute 2: H401; Aquatic Chronic 2: H411;
Pyrethrins (Pyrethrum)		8003-34-7			0 - 0.5%	Acute Tox. 4: H302+H312+H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Piperonyl butoxide		51-03-6	200-076-7		0.5 - 1%	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

Further information

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system. May cause drowsiness or dizziness.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May be fatal if swallowed and enters airways. Ingestion may cause nausea and vomiting.

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4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. Wash hands after handling the product.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 2, 8 & 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.2. Exposure controls

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SureKill® SK50

Revision 1
Revision date 2018-10-08

8.2. Exposure controls

Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Use as appropriate:. Suitable eye protection.
Skin protection - Hand protection	Wear:. Chemical resistant gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Keep away from food, drink and animal feed and/ or feed products.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Color	Yellow/Amber
Odor	Characteristic
Flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	0.8028 (H2O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	73.3 °C
Evaporation rate	No data available
Solubility	Insoluble in water

9.2. Other information

VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available.

10.2. Chemical stability

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SureKill® SK50

Revision 1
Revision date 2018-10-08

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data available.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No data available.
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	No data available.
Aspiration hazard	May be fatal if swallowed and enters airways.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

SECTION 12: Ecological information

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient

	SureKill® SK50 No data available

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

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12.6. Other adverse effects

Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

Disposal methods

Contact a licensed waste disposal company.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms

14.1. UN number

UN2902

14.2. UN proper shipping name

PESTICIDE, LIQUID, TOXIC, N.O.S. (Pyrethrins)

14.3. Transport hazard class(es)

DOT	6.1
Subsidiary risk	-
IMDG	6.1
Subsidiary risk	-
IATA	6.1
Subsidiary risk	-

14.4. Packing group

Packing group	III

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

DOT

Hazard ID	60
Tunnel Category	(E)

IMDG

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SureKill® SK50

Revision 1
Revision date 2018-10-08

IMDG	
EmS Code	F-A S-A
IATA	
Packing Instruction (Cargo)	663
Maximum quantity	220 L
Packing Instruction (Passenger)	655
Maximum quantity	60 L

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication. All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory. US State Regulations: New Jersey Right-to-Know Hazardous Substance List: Piperonyl butoxide: Y Pennsylvania Right-to-Know Hazardous Substance List: Pyrethrins and Pyrethroids: Y. Rhode Island Right-to-Know Hazardous Substance List: Pyrethrins, Piperonyl butoxide.

15.2. Chemical safety assessment

	No data is available on this product.

Further information

FIFRA	This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
FIFRA Signal Word	CAUTION.
FIFRA Warning	Hazards to humans and domestic animals. Harmful if swallowed. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SECTION 16: Other Information

Other Information

Revision	This document differs from the previous version in the following areas:. 1 - Description. 1 - Product Use. 1 - EPA Registration No. 1 - Manufactured By:. 1 - Hotline(s):. 8 - Eye / face protection.

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SureKill® SK50

Revision 1
Revision date 2018-10-08

Other information	
	9 - 9.1. Information on basic physical and chemical properties (Flash point). 9 - 9.1. Information on basic physical and chemical properties (Relative density). 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility). 9 - 9.2. Other information (Conductivity). 9 - 9.2. Other information (Gas group). 9 - 9.2. Other information (Surface tension). 9 - 9.2. Other information (Product Subcategory). 11 - Carcinogenicity. 14 - DOT. 14 - IMDG. 14 - IATA. 15 - Regulations. 15 - FIFRA. 15 - FIFRA Warning. 15 - EPA Registration No. 16 - Maximum content of VOC.
Text of Hazard Statements in Section 3	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2B: H320 - Causes eye irritation. Acute Tox. 4: H332 - Harmful if inhaled. Aquatic Acute 2: H401 - Toxic to aquatic life. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Further information	
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