ECOBIRD® 4.0

BIRD REPELLENT

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Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

7028.1

ACTIVE INGREDIENT:
Methyl Anthranilate (MA) methyl 2-aminobenzoate 40.0%
OTHER INGREDIENTS: 60.0%
TOTAL: 100.0%

This product contains 3.3 pounds of Methyl Anthranilate per gallon of product.

EPA Reg. No. 86583-4

EPA Est. No. 82661-IL-001

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID
If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor; or going for treatment.

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS: For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater or rinsate. This pesticide is slightly toxic to fish and aquatic invertebrates.

See attached booklet for Storage & Disposal and Directions For Use.

Manufactured for: Roth Chemical Company, Ltd.
6600 College Blvd., Suite 220, Overland Park, KS 66211

ESL072814 REV090414

NET CONTENTS: ☐ 1 Gallon (3.79 L) ☐ 2.5 Gallons (9.46 L) ☐ 55 Gallons (208 L)

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DIRECTIONS FOR USE

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

NON-FOGGING APPLICATIONS

LANDFILLS AND NON-FISH BEARING BODIES OF WATER

USE RESTRICTIONS: Use this product in areas to repel birds that congregate in large numbers, including these passerine birds: starlings *(Sturnus vulgaris)*, gulls (subfamily *Larinae)*, blackbirds including grackles (Family *Icteridae)*, and rock dove and domestic pigeons *(Columba livia)*, cliff swallow *(Hirundo fulva)*, house (English) sparrow *(Passer domesticus)*, house finch *(Corpodacus mexicanus)*, American crow *(Corvus brachyrhynchos, Corvus ossifragus)*, as well as these wild migratory waterfowl: geese *(Anserinae)*, mute swan *(Cugus olor)*, and Coot *(Fulica americana)*. These listed birds are reservoirs or vectors for human disease causing agents, bacterial, parasitic, fungal, and ectoparasitic pathogens that can be transmitted to humans and may present a health risk to humans and domestic poultry.

Areas where the above types of wild birds or their drops and humans or domestic birds come in close contact pose a risk to human health and in these settings, birds are considered pests.

Use this product to repel birds from landfills; non-fish bearing bodies of water (tailing ponds, commercial or industrial water impoundments); and temporary pools of standing water located at or near airports. This product can also be used in non-crop areas that contain temporary surface water caused by the management activities, such as water collected in equipment ruts. EcoBird Bird Repellent can also be applied near intermittently flooded low-lying areas, transitional areas between upland and lowland sites, marshes, swamps, bogs, and seasonally dry flood plains and/or deltas provided no water is present or water has receded where birds are a hazard or nuisance. However, this product cannot be applied in these areas when non-target birds (i.e. those birds not listed above) or Threatened or Endangered Birds may be present. Do not apply directly to water; such as lakes, reservoirs, ponds, streams and canals; however, overspray to water bodies can be expected with proper use of this product.

[**New York only** - Use this product only on landfills: non-fish bearing bodies of water and temporary pools of standing water on paved areas or construction sites at or near airports.]

APPLICATION DIRECTIONS

Non-fish bearing bodies of water (tailing ponds, commercial or industrial water

impoundments, and decorative fountains): Apply EcoBird Bird Repellent at a rate of 2.5 gallons per acre (8 lbs. a.i. per acre) of water surface at 3-4 week intervals. Adjust timing of subsequent applications as required by bird activity and anticipated seasonal migrations. Best applied undiluted or with a surfactant approved for use in water applications to ensure water surface coverage.

Landfills: Apply EcoBird Bird Repellent at a rate of 2.5 gal per acre (8 lbs. a.i. per acre) directly to the active site face as soon as the birds start to arrive. Repeat applications as long as birds persist. Make applications with conventional spray equipment hydroseeders and other liquid application equipment. Product is best applied undiluted or with surfactant to ensure uniform coverage.

FOGGING APPLICATIONS

NON-CROP AREAS, DOMESTIC STRUCTURES OR BUILDINGS

USE RESTRICTIONS: Use this product in areas to repel birds that congregate in large numbers, including these passerine birds: starlings *(Sturnus vulgaris)*, gulls (subfamily *Larinae)*, blackbirds including grackles (Family *Icteridae)*, and rock dove and domestic pigeons *(Columba livia)*, cliff swallow *(Hirundo fulva)*, house (English) sparrow *(Passer domesticus)*, house finch *(Corpodacus mexicanus)*, American crow *(Corvus brachyrhynchos, Corvus ossifragus)*, as well as these wild migratory waterfowl: geese *(Anserinae)*, mute swan *(Cugus olor)*, and Coot *(Fulica americana)*. These listed birds are reservoirs or vectors for human disease causing agents, bacterial, parasitic, fungal, and ectoparasitic pathogens that can be transmitted to humans and may present a health risk to humans and domestic poultry.

This product can also be used in non-crop areas that contain temporary surface water caused by the management activities, such as water collected in equipment ruts. EcoBird Bird Repellent can also be applied near intermittently flooded low-lying areas, transitional areas between upland and lowland sites, marshes, swamps, bogs, end seasonally dry flood plains and/or deltas provided no water is present or water has receded where birds are a hazard or nuisance. However, this product cannot be applied in these areas when non-target birds (i.e. those birds not listed above) or Threatened or Endangered Birds may be present. Do not apply directly to water, such as lakes, reservoirs, ponds, streams and canals; however, overspray to water bodies can be expected with proper use of this product.

Areas where the above types of wild birds or their drops and humans or domestic birds come in close contact pose a risk to human health and in these settings, birds are

considered pests. For use on or near domestic structures or buildings.

Use EcoBird Bird Repellent with thermal and mechanical foggers as well as specialized fogging and aerosol equipment as long as the product is applied at <30 microns. For best results, ensure the product comes in direct contact with target birds (see above) through direct fogging or proper air circulation via natural or artificial air movement.

Direct outlet or nozzle away from surfaces and greenery or hold the fog or aerosol generator at least 5 feet from any object, painted surface, and especially plants and shrubbery to avoid discoloration from direct contact with concentrated EcoBird Bird Repellent or the heat when using thermal foggers. Do not smoke while applying this product.

[**New York Only:** Fogging application must be done by certified applicators. Applicators must use dust/mist filtering respirator (MSHA/NIOSH) approval number prefix TC-21C, or a NIOSH approved respirator with any N, R, P, or HE filter. A minimum separation distance equal to 100 ft. or the windward length of the proposed treatment area, whichever is greater, is required between the outer perimeter of the proposed area and any adjacent area of natural bird habitat such as a clump of trees, wood lot, forested area, etc. Shut the fogger off when the EcoBird Bird Repellent bearing fog has reached the downwind perimeter of the treatment area or sooner if the birds have been repelled. Use precautionary measures to ensure that there is no direct exposure to humans, pets, domestic animals or non-target wild life.]

INDOOR FOGGING APPLICATIONS

(Warehouses, hangers, garages, assembly plants, etc.) Apply EcoBird Bird Repellent undiluted at a rate not to exceed one (1) ounce per 10,000 cubic feet of space to be treated. Point fog generator in the general direction of the nuisance birds, keeping the fog generator at least 5 feet away from any structure or object to allow for complete dissipation of the fog. A distance of at least 5 feet from any structure or object prevents any damage to desired materials. Expose as many birds as possible to the fog for fast and lasting results. Best product performance is achieved with a dry fog. Consult the fog generator owner's manual for proper settings to assure a dry fog. Both ULV and thermal foggers may be used to apply this product. Several treatments, 1 to 4 days apart may be required for removal of all nuisance birds.

For automated fogging applications, point the fogger in the direction of the birds or their expected approach. Set the fog generator for an appropriate duration as needed to repel target birds, such as 10 second to 5 minute fogging pulses during the time of expected bird activity.

OUTDOOR FOGGING APPLICATIONS

General Application Directions: Apply EcoBird Bird Repellent undiluted at a rate of 6-8 ounces per acre (43,500 sq. ft.) of area to be treated. Point the fog generator in the general direction of the nuisance birds, keeping the fog generator at least 5 feet away from any structure or object to allow for complete dissipation of the fog. A distance of at least 5 feet from any structure or object prevents any damage to desired materials. Best product performance is achieved with a dry fog. Consult the fog generator owner's manual for proper settings to assure a dry fog. ULV, thermal and other foggers and aerosol generating equipment with a minimum application size of < 30 microns may be used to apply this product. Several treatments, 1 to 4 days apart may be required for removal of all nuisance birds.

For automated fogging applications, point the fogger in the direction of the birds or their expected approach. Set the fog generator for an appropriate duration as needed to repel target birds, such as 10 second to 5 minute fogging pulses during the time of expected bird activity.

Electrical Substations, Farmsteads, Agricultural Sites, Structures, Buildings, Airports, and other Open Areas

Apply EcoBird Bird Repellent undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size within the aerosol size range (below 30 microns). Expose as many birds as possible to the fog for fast and lasting results. Apply EcoBird Bird Repellent when birds have settled down or are roosting in the structure and/or wires of the substation. Withhold treatment until conditions favoring successful use arise (temperature, direction, and speed of wind) to be able to cover all the infested structure. For best results, make applications in the evening, when most of the birds have arrived, but before it gets too dark for the birds to leave once exposed to the fog.

Trees and Shrubs

Apply EcoBird Bird Repellent undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size below 20 microns that will penetrate the foliage without wetting it. Expose as many birds as possible to the fog for fast and lasting results. Apply EcoBird Bird Repellent when birds have settled down. Withhold treatment until conditions favoring successful use arise (temperature, direction, and speed of wind). For best results, make applications in the evening, when most of the birds have arrived, but before it gets too dark for the birds to leave once exposed to the fog. Application in the morning after the birds normally leave does not have much effect. To prevent damage to foliage, do not allow EcoBird Bird

Repellent to accumulate to the point of runoff.

Turf (Golf courses, lawns, sports fields, parks, etc.)

Apply EcoBird Bird Repellent undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size within the aerosol size range (below 30 microns) that stay suspended and do not settle to the ground. Set fogger upwind so that the wind will carry the fog in the general direction of the birds. Apply at any time of the day when birds are present. To control Canada geese, apply at any time when they are feeding or roosting, except when they sit on a nest during breeding season.

Lakes and Ponds, Harbors and Boat Docks, Aquatic Production Sites (non-fish bearing sites such as hatchery buildings and around culture ponds)

Do not apply directly to water. However, it is expected that overspray may occur. Apply when wind and drift conditions are minimal. Apply EcoBird Bird Repellent undiluted using a thermal fog generator that will deliver a dry fog with a droplet size below 20 microns that will stay suspended and does not settle on the water surface. Set fogger upwind so that the wind will carry the fog in the general direction of the birds. Apply as soon as birds arrive. For roosting birds, the product is best applied in the evening when most of the birds have arrived but before it gets too dark for the birds to leave.

Fruit Applications (Agricultural Uses: For application to cherries, blueberries, grapes, apples, stone fruits (apricots, cherries, peaches, plums), cereal grains (sweet and popcorn, millet, oats, sorghum), and sunflowers)

Use this product to limit damage caused by birds on ripening crops. Withhold treatment until fruit is susceptible to bird damage. Apply EcoBird Bird repellent undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size within the aerosol size range (below 30 microns). To avoid damage to foliage or fruit discoloration, do not allow EcoBird Bird repellent to accumulate to the point of runoff. Birds must be exposed to the airborne EcoBird Bird repellent if it is to achieve lasting results. Direct fog into crop area. Do not apply when crop is wet or if rain is expected. This product may be applied up to the day of harvest. Repeat treatment if significant bird damage begins to occur.

California: Handlers must wear coveralls over normal work clothes. Harvesters must wear gloves and long-sleeved shirts.

New York: This product is not to be used on grapes within Suffolk County.

STORAGE & DISPOSAL

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

STORAGE: Store only in original container, in a dry place inaccessible to children, pets and domestic animals. Store apart from pesticides, fertilizers, food or feed that may cause cross-contamination from odor. Keep container closed when not in use.

PESTICIDE DISPOSAL: Product or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures. Water resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying.

(Non-refillable ≤ 5 gallons): 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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

(Non-refillable > 5 gallons): Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

WARRANTY

The statements on this label are believed to be true and accurate; however, because usage and conditions which may be or are beyond our control, Roth Chemical Co., Ltd. does not make, nor does it authorize any agent and/or representative to make any oral or written warranty, guarantee, or representation, express or implied, concerning this material or the use thereof beyond the statements of the product label and product MSDS. Neither Roth Chemical Co., Ltd., nor the seller, shall be held responsible in any manner for any claim of personal injury and/or property damage and/or loss resulting from the handling, storage, and/or the use of this material. Neither Roth Chemical Company, Ltd., nor the seller shall be held responsible in any manner for any claim of personal injury and/or property damage and/or loss resulting from the use of either an Ultra-Low-Volume (ULV) Cold Fogger and/or Thermal Fogging equipment in conjunction with this product. The buyer assumes all risk(s) and liability(s) resulting from the handling, storage, and/or use of this product. Accordingly, the purchaser accepts and uses this material on these conditions. No other warranty(s) exists.

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