PARB

Milwaukie Park and Recreation Board, 10722 SE Main Street, Milwaukie, OR 97222

Chair: Lisa Gunion-Rinker
Vice Chair: Lisa Lashbrook
Members: Lynn Sharp, Erin Willett Holcomb, Ben Johnson, Linda Blue; Andrew Craig
Staff Liaison: Mitch Nieman

AGENDA: October 27, 2015 | 7:30 - 9:00 a.m. | Milwaukie City Hall & Riverfront Park

1. Welcome & Introductions (Lisa GR) 7:30 a.m.
2. Review & Approve September 2015 Minutes (All) 7:35 a.m.
3. Tree City USA/Tree Ordinance Update (Lynn/Mitch) 7:40 a.m.
4. Formation of Park Foundation - 501c(3) (Lisa GR) 7:45 a.m.
5. Feedback on Pest Solutions Proposal (Mitch) 7:50 a.m.
6. Member News/Reports 7:55 a.m.
7. Riverfront Park Interim Landscape Field Survey (Mitch) 8:00 a.m.
8. Adjourn 9:00 a.m.

City of Milwaukie

Milwaukie Park and Recreation Board (PARB)

MEETING MINUTES

City Hall Conference Room

September 22, 2015

Members Present:	Lisa Gunion-Rinker (Chair), Lisa Lashbrook (Vice Chair), Lynn Sharp (Treasurer), Erin Willett Holcomb (Secretary), Ben Johnson, Linda Blue, and Andrew Craig
Staff/Visitors:	Mitch Nieman (City Staff Liaison), Jeroen Kok (NCPRD Liaison), and Amy Aschenbrenner (City Staff)

1) Welcome and Introductions

Chair Gunion-Rinker called the meeting to order and began the introductions. The three new PARB members Ben Johnson, Linda Blue, and Andrew Craig spoke briefly about themselves.

2) Review & Approve July 2015 Minutes

Chair Gunion-Rinker asked if members had a chance to read and review the July meeting minutes. She would send a few minor corrections to **Mr. Nieman. Vice Chair Lisa Lashbrook** moved to approve the minutes, **Member Blue** seconded; motion passed unanimously.

The group decided to move agenda item #3, Tree City USA/Tree Ordinance Update, to later in the meeting, in order to allow **Mr. Nieman** to print out copies of the latest ordinance.

3) Riverfront Task Force Interim Tree Planting Update

Chair Gunion-Rinker discussed the Riverfront Task Force (RTF) meeting on September 21st, noting that many PARB members attended the meeting.

The group briefed the new members about the ongoing geese problem at Riverfront Park.

Chair Gunion-Rinker reported that there was an agreement on everything except the plantings, that there were still hesitations about mitigation plantings.

The group discussed ideas for the plantings, which organizations to ask for advice, the budget involved, and the unique situation and layout of the park.

Chair Gunion-Rinker reported that the use of dogs, lasers, flight control (which NCPRD would apply), and egg depredation techniques were all agreed upon during the RTF meeting.

Mr. Nieman explained that the timeframe for those techniques would be sometime in the fall once the grass became greener; there would be a contract with Geese Guys at that time. Whereas the plantings would take place later, so there was time to work though the concerns and find the best solutions.

Member Blue had concerns about the flight control. **Mr. Kok** explained the details and that NCPRD would apply it on a trial basis.

The group discussed the creation of a subcommittee regarding the plantings, in order to create a management plan, list of priorities, etc. **Vice Chair Lisa Lashbrook**, **Treasurer Sharp**, **Member Blue**, and **Member Johnson** volunteered to be on the subcommittee.

4) Formation of Park Foundation – 501(c)(3)

Chair Gunion-Rinker explained that in their discussions about how to fund new parks and maintain existing parks, the idea of forming a nonprofit 501(c)(3) had not come up. With a 501(c)(3), she explained, donations could be received from citizens and business that could be allocated differently. She clarified that the creation of a 501(c)(3) would be in addition to a friends group.

Secretary Willett Holcomb added that she has helped form a 501(c)(3) before and was happy to help. She explained the basics and remarked that it was not too difficult.

Mr. Kok added that NCPRD used to have a foundation, so they would have interest in something being rejuvenated.

Secretary Willett Holcomb asked if a 501(c)(3) would naturally grow out of a friends group. She noted that the friends group's first endeavor could be to launch at 501(c)(3), rather than to have the effort be put in two different directions at once while hoping that they would be cohesive.

Mr. Nieman said he would add discussion of a friends group to the next PARB meeting agenda. He added that the Friends of the Ledding Library group may be a good model.

5) Tree City USA/Tree Ordinance Update

Mr. Nieman printed out the most recent iteration of the tree ordinance with comments, and explained the background of this process for the new members.

Vice Chair Lisa Lashbrook explained the four Tree City USA requirements. She discussed that when PARB took the Tree Ordinance to the City Council, the Mayor wondered about the public lands in terms of agencies like ODOT and if they were bound by the a city's ordinance. Vice Chair Lisa Lashbrook and Treasurer Sharp researched different cities and Vice Chair Lisa Lashbrook understood that state agencies could do what they want with their land.

Member Craig was curious if there was protection of trees in the development. He discussed the importance to have some sort of tree ordinance regarding private property.

Mr. Nieman said he would look in the city's building code for any tree protections currently in place.

Treasurer Sharp gave background on the previous private land initiative and the reaction from the public which had now prompted PARB to take small steps and start with public lands. She also mentioned an idea to make appropriate urban trees available at low cost to the public.

The group discussed changes to be made to the tree ordinance draft. A tree ordinance subcommittee was formed consisting of **Chair Gunion-Rinker**, **Vice Chair Lisa Lashbrook**, **Treasurer Sharp**, and **Member Craig**. PARB would have two weeks to look over the latest draft and send comments to **Treasurer Sharp**. The subcommittee would check in via conference call on October 6th from 2:30-3:30 and work through the comments.

The group talked about the importance of education and information available to the public regarding who to contact about trees. They also discussed how to communicate the final ordinance to the public.

Mr. Nieman explained the next steps to ultimately have the ordinance adopted by council.

Chair Gunion-Rinker wondered if delaying the tree ordinance would hamper them fiscally; regarding the plantings they have recently completed.

Treasurer Sharp said she would ask the department of forestry and look on the Tree City USA website to find out which fiscal year the requirements follows— the city's fiscal year or a different timeframe.

6) Member News/Reports

Chair Gunion-Rinker reported that 65-70 people turned out for the sustainability tour. She discussed how to make it better next year, and noted that feedback was positive.

Vice Chair Lisa Lashbrook discussed the need to program Riverfront Park now and start creating a hub of activity. The group agreed.

Mr. Kok reported that Spring Park was underway with construction, with the relocating of a trail and working on habitat restoration. He also reported that the Three Park Master Plans made it through Planning Commission. Therefore, there was a work session with City Council scheduled on October 6th to highlight any issues or concerns, and then a hearing with Council on October 20th. Finally, he added that the bike pedestrian landing on Kellogg Bridge was also underway with construction.

Mr. Nieman reported that the City has taken on an initiative for no smoking on City-owned facilities and parks. The City is working with representatives from the County Department of Public Health, who is currently doing a survey in Scott Park, Clackamas Park, Dogwood Park, Riverfront Park, and at City Hall's sculpture garden.

Secretary Willett Holcomb reported that she would be unable to attend next month's meeting.

Member Johnson asked if PARB could schedule a group tour of all the City's parks, and the group discussed the possibility of coordinating such an event.

Mr. Nieman reported that Councilor Parks was appointed the primary representative to the NCPRD District Advisory Board, with Councilor Batey as the alternate. The group discussed the need to have regular updates from the regional board.

7) Adjournment - A motion to adjourn was made by **Vice Chair Lisa Lashbrook**, with a second by **Member Craig.** Motion passed unanimously, meeting adjourned 8:56am.

DRAFT

CHAPTER 16.32 TREE CUTTING

16.32.005 PURPOSE

The purpose of this chapter is to encourage preservation of trees located in the public right-of-way. Trees within the public right-of-way are a public resource that beautify the streetscape and provide ecosystem services such as reducing the urban heat island effect, reducing stormwater flows, and stabilizing soils. The City may allow the removal or pruning of trees in some situations including, but not limited to, removing hazards, avoiding damage to public and private property, and allowing for construction of right-of-way improvements. Preference should generally be given to authorizing the minimal amount of disturbance to the tree that is necessary to address the situation. The intent of this chapter is also to mitigate the authorized removal of trees within the public right-of-way by replanting new trees in the public right-of-way wherever practicable. (Ord. 2022 § 1, 2011)

16.32.010 DEFINITIONS

The following definitions shall apply for terminology, used in this chapter:

“Crown” means area of the tree above the ground, including the trunk and branches, measured in mass or volume.

“City” means the City of Milwaukie.

“City Tree Board” means the City of Milwaukie Park and Recreation Board (Board) plus a certified arborist to be selected by the City Council, or a separate City Tree Board appointed by the Mayor and approved by City Council.

“Cutting” means the falling or removal of a tree, or any procedure that naturally results in the death or substantial destruction of a tree. “Cutting” does not include normal trimming or pruning, but does include topping of trees.

“Hazardous tree” means the condition or location of the tree presents a clear public safety hazard or an imminent danger of property damage, and such hazard or danger cannot reasonably be alleviated by treatment or pruning.

“Dead tree” means the tree is lifeless.

“Drip line” means the perimeter measured at the outermost canopy.

“Dying tree” means the tree is diseased, infested by insects, deteriorating, or rotting, and cannot be saved by reasonable treatment or pruning, or must be removed to prevent the spread of infestation or disease to other trees.

“Engineering Director” means the Engineering Director of the City of Milwaukie or his or her designee

“ISA” means the International Society of Arboriculture.

“Large trees” means trees that reach at least 65 feet in height at maturity.

“Major pruning” means removal of over 20% of the tree’s canopy, or removal or injury of over 10% of the root system, during any 12-month period.

“Medium trees” means trees that at maturity are between 30 and 65 feet in height.

“Owner” means and includes, for the purposes of this chapter, any person with a freehold interest in land, or a lessee, agent, employee, or other person acting on behalf of the owner with the owner’s consent.

“Park Trees” are defined as trees, shrubs, bushes and other woody vegetation in public parks having individual names, and all areas owned by the City, or to which the public has free access as a park.

“Person” means any individual, firm, association, corporation, agency, or organization of any kind.

“Relative Value.” Relative value may be calculated using the methods described in the ISA’s “Guide for Plant Appraisal.” The values reflect the value to the public as a whole, rather than to the individual property owner. For example, a tree growing in full public view may have a high public value but be of low value to the property owner.

“Removal” means the cutting or removing of 50% or more of the crown, trunk, or root system of a plant; the uprooting or severing of the main trunk of the tree; or any act which causes, or may reasonably be expected to cause, the tree to die, including without limitation damage inflicted upon the root system by machinery, storage materials, or soil compaction; substantially changing the natural grade above the root system or around the trunk; excessive pruning; or paving with concrete, asphalt, or other impervious materials in a manner which may result in the loss of aesthetic or physiological viability.

“Root zone” means the area of the ground around the base of the tree measured from the trunk to 5 feet beyond the outer base of the branching system.

“Small trees” are those that at maturity are less than 30 feet in height.

“Street tree” is defined as trees, shrubs, bushes and other woody vegetation on land lying within the City right-of-way on either side of all streets, avenues, or ways within the City and on all properties owned or maintained by the City.

“Tree Pruning” means trimming or removing any part of the branching structure of a tree in either the crown, trunk, or root areas based on standards of the ISA.

“Topping” means the severe cutting back of the main stem and/or limbs to buds, stubs, or laterals large enough to assure terminal role within the tree’s crown to such a degree as to remove the normal canopy and disfigure the tree.

“Tree” means any living woody plant characterized by 1 main stem or trunk and many branches, or a multistemmed trunk system with a definitely formed crown. (Ord. 1836 § 1 (part), 1998)

16.32.015 CREATION AND ESTABLISHMENT OF A CITY TREE BOARD

A. Creation

There is hereby created and established a City Tree Board (Tree Board) for the City of Milwaukie, Oregon, which shall consist of five members, citizens and residents of this city, who shall be appointed by the Mayor with the approval of the City Council.

B. Term of Office

The term of the five persons to be appointed by the Mayor shall be three years except that the term of two of the members appointed to the first board shall be for only one year and the term of two members of the first board shall be for two years. In the event that a vacancy shall occur during the term of any member, his successor shall be appointed for the unexpired portion of the term. Tree Board members shall be limited to three consecutive terms.

C. Compensation

Members of the Tree Board shall serve without compensation.

D. Duties and Responsibilities

It shall be the responsibility of the Tree Board to study, investigate, develop and/or update annually, and administer a written plan for the care, preservation, pruning, planting, replanting, removal or disposition of trees and shrubs in parks, along streets and in other public areas. Such plan will be presented annually to the City Council and upon their acceptance and approval shall constitute the official comprehensive city tree plan for the City of Milwaukie, Oregon.

The Tree Board, when requested by the City Council, shall consider, investigate, make findings, report and recommend upon any special matter or question coming within the scope of its work. The Tree Board shall inform and coordinate with the North Clackamas Park and Recreation District (NCPRD) or the City of Milwaukie to ensure that the provisions of this ordinance are complied with during performance of maintenance activities.

E. Operation

The Tree Board shall choose its own officers, make its own rules and regulations and keep a journal of its proceedings. A majority of the members shall be a quorum for the transaction of business.

16.32.017 TREE PLANTING

A. Species

Tree species to be planted are those listed by and obtainable from the Engineering Department of The City of Milwaukie for different types of planting locations on public lands or public rights of way.

B. Spacing

The spacing of Street Trees will be in accordance with the official street tree list above in Subsection A, Species, and spacing will be determined in the planting plan for each site as determined by the City's Public Works Standards. In addition, the Engineering Director may approve special plantings designed or approved by a landscape architect, or for ecological

restoration projects where seedlings or whips are likely to be planted at a much higher density to mimic natural conditions in forest regeneration.

C. Distance from Curb and Sidewalk

The distance trees may be planted from curbs or curblines and sidewalks will be in accordance with the three species size classes listed in Section 16.32.010 of this ordinance and as determined by the City's Public Works Standards.

D. Distance from Street Corners and Fire Hydrants

No Street Tree shall be planted closer than 35 feet from any street corner, measured from the point of nearest intersecting curbs or curblines. No Street Tree shall be planted closer than 10 feet from any fire hydrant.

E. Utilities

No Street Trees other than those species listed in in the City's Public Works Standards may be planted under or within 10 lateral feet of any overhead utility wire, or over or within 5 lateral feet of any underground water line, sewer line, transmission line or other utility.

F. Size

Street trees must meet the size requirements set forth in the City's Public Works Standards.

16.32.018 PUBLIC TREE CARE

The City shall have the right to plant, prune, maintain and remove trees, plants and shrubs within the property lines of all streets, alleys, avenues, lanes, squares and public grounds, as may be necessary to ensure public safety or to preserve or enhance the symmetry and beauty of such public grounds.

The City Tree Board may remove or cause or order to be removed, any tree or part thereof which is in an unsafe condition or which by reason of its nature is injurious to sewers, electric power lines, gas lines, water lines, or other public improvements, or is affected with any injurious fungus, insect or other pest. This Section does not prohibit the planting of Street Trees by property owners adjacent to the street or right-of-way, provided that the selection and location of said trees is in accordance with Section 16.32.017 of this ordinance.

16.32.019 TREE TOPPING

No person, firm, or City department shall top any Street Tree, Park Tree, or other tree on public property. Trees severely damaged by storms or other causes, or certain trees under utility wires or other obstructions where other pruning practices are impractical, may be exempted from this ordinance at the determination of the City Tree Board.

16.32.020 PRUNING, CORNER CLEARANCE

Pursuant to Milwaukie Municipal Code 12.12.010, every owner of any tree overhanging any street or right-of-way within the City shall prune the branches so that such branches shall not obstruct the right of way. Enforcement of this section shall be pursuant to MMC 12.12.

16.32.021 DEAD OR DISEASED TREE REMOVAL ON PRIVATE PROPERTY

Owner shall remove all dead, diseased or dangerous trees, or broken or decayed limbs which may pose a significant risk to the safety of the public. If owner fails to do so, City shall have the right to cause the removal of such trees. The City Tree Board will notify, in writing, the owners of such trees. Removal shall be done by said owners at their own expense within sixty days after the date of service of notice. After removal is complete, the property owners shall notify the City in writing. In the event of failure of owners to comply with such provisions, the City shall have the authority to remove such trees and charge the cost of removal to the owners pursuant to MMC 8.04. In cases where the owner demonstrates extreme financial hardship, the City Council may grant a cost waiver. Some dead trees which provide wildlife habitat and are not a hazard may be left uncut.

16.32.022 REMOVAL OF STUMPS

All stumps of street and park trees shall be removed below the surface of the ground so that the top of the stump shall not project above the surface of the ground, except for circumstances where the stumps do not pose a hazard to the public and may be left to improve wildlife habitat structure.

16.32.023 INTERFERENCE WITH CITY TREE BOARD

No person shall prevent, delay or interfere with the City Tree Board, or any of its agents, while engaging in and about the planting, cultivating, mulching, pruning, spraying, or removing of any Street Trees, Park Trees, or trees on private grounds, as authorized in this ordinance.

16.32.024 ARBORISTS LICENSE AND BOND

All arborists operating in the City of Milwaukie shall comply with all state and local laws and regulations, including the applicable licensing and bonding requirements of the Landscape Contractors Board and the Construction Contractors Board.

16.32.025 REVIEW BY CITY COUNCIL

The City Council shall have the right to review the conduct, acts and decisions of the Tree Board. Any person may appeal from any ruling or order of the Tree Board to the City Council who may hear the matter and make a final decision.

16.32.026 PERMIT FOR MAJOR PRUNING OR REMOVAL OF STREET TREES OR TREES IN PUBLIC RIGHT-OF-WAY AND OTHER PUBLIC LAND

A. Applicability

No person shall conduct major pruning or removal, as defined in chapter 16.32.010 of any tree in a public right-of-way or other public land, without first receiving a permit issued by the City. Tree pruning, as defined in chapter 16.32.010, shall not require a permit.

B. Review Process

1. A permit application for major pruning or tree removal shall be submitted to the Engineering Department on a Right of Way Permit Application.

2. The Engineering Department shall post notice of the major pruning or removal permit application on the property in a location which is clearly visible to vehicles traveling on a public street and readable by pedestrians walking by the property.

3. The notice shall state that the tree removal permit is pending for trees on the property marked by an orange plastic tagging tape, shall include the date of posting, and shall state that any person may request a meeting with the Engineering Director within 14 days of the date of the posting. The purpose of the meeting is to provide an opportunity to raise questions or concerns about the major pruning or removal prior to issuance of the administrative decision on the permit. The Engineering Director shall consider all concerns raised at such a meeting, but shall have final decision making authority over the issuance of a permit, based on the Approval Standards in Subsection C below.

4. The Engineering Department shall mark each tree proposed to be removed by tying or attaching orange plastic tagging tape to the tree 4 to 6 feet above mean ground level at the base of the trunk.

5. On the date that the tree removal notice is posted on the property, the Engineering Department shall send a letter to the neighborhood district association for the area, to notify the association of the major pruning or removal request.

6. The major pruning or tree removal permit shall not be issued for 14 days from the date of filing of the affidavit to allow for the filing of a request for a meeting. The applicant shall maintain the posting and marking for the full 14 days. When a meeting with the Engineering Director is requested, the Engineering Director shall not issue the permit decision until the meeting can be held.

C. Approval Standards

The Engineering Director shall issue a permit for major pruning or removal of trees in a right-of-way only if the following criteria are satisfied. The Engineering Director will consult a certified arborist where necessary to evaluate the criteria.

1. The proposed work will be done according to ISA standards, and qualified persons will perform the work.

2. 1 or more of the following criteria are satisfied:

   a. It is determined that the tree is dead or dying and cannot be saved, according to current ISA standards.

   b. The tree has become a nuisance by virtue of damage to personal property or improvements, either public or private, on the subject site or adjacent sites, and that extraordinary maintenance is required to prevent damage to such improvements or property.

c. The tree has lost its relative value as a street tree due to damage from natural or accidental causes, or for some other reason it can be established that it should be removed.

d. The tree has been determined to be unsafe to the occupants of the property, or adjacent property, or the general public.

e. Major pruning or removal is necessary to accommodate improvements in the right-of-way, and it is not practicable to modify the proposed improvements to avoid major pruning or removal.

D. Performance of Permitted Work

All work performed on street trees pursuant to a permit issued by the Engineering Director under this section shall be done within a 60-day period from the issuance of said permit, or within a longer period as specified by the Engineering Director.

E. Replanting

The Engineering Director shall require tree replanting as a condition of approval for a major pruning or removal permit wherever practicable. Replanted trees shall be planted within the right-of-way fronting the property for which the tree permit was issued. The replanted tree shall be a species appropriate for the location where it is planted, as determined by the Engineering Director in conjunction with issued permit. In addition to the tree maintenance requirements of Section 8.04.110, the abutting property owner shall be responsible for maintaining a replanted tree in a healthy condition for 3 years following replanting. (Ord. 2022 § 1, 2011; Ord. 1836 § 1 (part), 1998).

The optimal time of year for planting is the fall (September-November). If planting is necessary in other months, extra measures may be needed to ensure survival of newly planted trees and these extra measures shall be specified by a certified arborist, and specified in the Right of Way Permit Application.

16.32.030 PERMIT EXEMPTIONS

A. Dangerous Tree

If a tree is determined to be a dangerous tree, the Engineering Director may issue an emergency removal permit. The removal shall be in accordance with the ISA standards and be the minimum necessary to eliminate the imminent danger.

B. Maintenance

Regular maintenance or pruning which does not require removal of over 20% of the tree's canopy, tree topping, or disturbance of over 10% of the root system during any 12-month period.

C. Non-Public Land

Tree cutting anywhere other than in a public right-of-way or on public land. (Ord. 2022 § 1, 2011; Ord. 1836 § 1 (part), 1998)

16.32.040 PENALTY

Except where otherwise provided, any person, firm, or corporation violating any of the provisions of this chapter shall, upon conviction thereof, be punished by a fine not to exceed one thousand dollars ($1,000.00). (Ord. 2022 § 1, 2011)

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Beaverton, OR 97005
info@pestsolutionsllc.com

Green As Can Be

Pest Solutions is pleased to submit this proposal for services to support the City of Milwaukie in significantly reducing the current goose issue at the Milwaukie Riverfront Park. Our reducing the goose population will significantly reduce the amount of geese droppings which will enhance visitors overall experience, reduce potential health issues, and reduce overall cleaning costs.

The Objective

Our objective is to safely and effectively mitigate the amount and frequency of geese presence at the park so that people are able to enjoy the park's facilities and aesthetic benefits without an abundance of geese droppings on the grasses and sidewalks. To accomplish this objective we have found that a comprehensive approach to goose management starts with having a multitude of tools as each situation is different than the next. The combination of tools below, used independently and in conjunction with each other, will allow us to properly manage the goose activity at Milwaukie Riverfront Park by creating an uncomfortable environment for them via these different tactics:

- Turf Spray- This is a product that is applied to active goose feeding areas that creates an unfavorable taste and smell due to the pungent properties of the active ingredients listed in detail below.
- Laser Pointers- This is an effective non-invasive tactic that utilizes a green laser pointer shined at the ground near the geese which makes them feel uncomfortable and encourages them to leave.
- Hand-held thermal fogger- This is an innovative product that utilizes heat to vaporize a non-toxic repellent into a mist that will cover a large area. This vapor fog irritates the mucous membranes of the lungs of avian species creating an uncomfortable feeling causing them to leave the area. Additionally, humans in the area will not be adversely affected and may only experience a faint smell of grape juice in the air.
- Dogs-This is a very effective hazing tactic as it triggers the bird's natural fear of predators. The birds in turn will then begin to associate the area as being dangerous and avoid these areas.
- Mechanical hazing-This hazing tactic utilizes a small RC motorized vehicle operated by our wildlife expert to create the illusion of a pursuing predator. Similarly to dogs, the birds will also avoid the areas of treatment due to the danger association.
- Away with Geese Land Unit-This product is placed in the ground and it features a 360-degree solar-powered light that flashes every two seconds, every night, year-round. This light is scarcely noticeable by humans but is very disruptive to the sleep of geese creating an unsecure feeling.
- Away with Geese Water Unit-This product is the same light apparatus as the land unit but it sits atop a float that would be anchored in the bay surrounding the park. Since geese will roost on

the water at night, creating the uncomfortable feeling in their sleeping areas by having these lights blink will be very beneficial to ridding them of the area.

- Goose Egg Addling-This treatment will be utilized in the spring when there are active nesting sites. Our wildlife expert will work closely with the Oregon Department of Fish and Wildlife and the United States Fish and Wildlife Service, to follow proper protocol to treat eggs in the nest to prevent them from hatching. The process entails locating a nest with eggs and applying a thin layer of corn oil, which prevents gas exchange, and are then returned to the nest.

Longer term solutions entail modifying the landscape.

Duration

We anticipate needing active treatments twice daily for 30 days, morning and evening, tapering off to once daily for the remainder of the cycle (cycle is typically October 1st through May 30th). We feel that a 7-month cycle will allow us to showcase our effectiveness, provide your city with terrific results, and allow your park to be ready for use during the busy summer months. We will perform the above for $15,200.00 with $3800.00 due upon the start of our treatments and the remaining balance will be paid in 6-increments of $1900.00 per month.

We look forward to working with you on this challenging, yet exciting project. We believe strongly that we will do a terrific job and provide you and your community exemplary geese protection.

AVIAN ENTERPRISES, LLC

Safety Data Sheet
Avian Control® Bird Repellent

SECTION 1: Identification

1.1 Product identifier

Product name	Avian Control® Bird Repellent
Product number	EPA Reg. 88889-1

1.3 Recommended use of the chemical and restrictions on use

Liquid Bird Repellent

1.4 Supplier's details

Name	Avian Enterprises LLC
Address	221 Ocean Grande Blvd Ste 801 Jupiter, FL 33477 US
Telephone	888-707-4355
email	sales@aviancontrol.com

1.5 Emergency phone number(s)

888-707-4355

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

Statement regarding ingredients of unknown toxicity (OSHA)
Methyl anthranilate 20%, Inert ingrdients 80%

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. METHYL ANTHRANILATE

Concentration	20 - 20 % (Weight)
Other names / synonyms	2-(METHOXYCARBONYL)ANILINE; 2-AMINOBENZOIC ACID METHYL ESTER; 2-CARBOMETHOXYANILINE; ANTHRANILIC ACID, METHYL ESTER; METHY ORTHO-AMINOBENZOATE; METHYL 2-AMINOBENZOATE; METHYL ANTHRANILATE; METHYL O-AMINOBENZOATE; METHYLANTHRANILATE; NEROLI OIL, ARTIFICIAL; O-AMINOBENZOIC ACID METHYL ESTER; O-CARBOMETHOXYANILINE
CAS no.	134-20-3

- Methyl anthranilate is classified as a Generally REcognized as Safe (GRAS) coompound under 21 CFR 182-60

2. Trade secret

Concentration	73 - 80 % (Weight)
Other names / synonyms	Trade secret

- Non-hazardous

3. Trade secret

Concentration	0 - 7 % (Weight)
Other names / synonyms	Trade secret

- Non-hazardous

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Caution. Keep out of reach of children. Caution. Causes moderate eye irritation. 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. To be used on Agricultural Commodities (Pome Fruit, Stone Fruit and Small Fruit, Cereal Grains) and Non-Agricultural Sites including Turf, Hydroseeding, Non-fish bearing bodies of water, Buildings and Structures
In case of skin contact	Take off contaminated clothing. Rinse skin immediately with plenty of wate for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact the

	National Poison Control Center at 800-900-4044 for emergency treatment information
In case of eye contact	Hold eye open and rinse slowly and gently with water for 15 to 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact the National Poison Control Center at 800-900-4044 for emergency treatment information

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Non-flammable

5.2 Specific hazards arising from the chemical
None

5.3 Special protective actions for fire-fighters
Self-contained breathing apparatus and full bunker gear.

Further information
Use appropriate means to extinguish surrounding fire. Water may be used to cool containers. Dike and collect runnoff to prevent entry to drains or water bodies

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.2 Environmental precautions
For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Pesticide is slightly toxic to fish and aquatic inverterbrates.

6.3 Methods and materials for containment and cleaning up
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities
Store only in original container, in a dry place, inaccessible to children, pets and domestic animals. Store apart form pesticides, fertilizers, food or feed that may cause cross-contamination from odor. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. METHYL ANTHRANILATE (CAS: 134-20-3)

8.2 Appropriate engineering controls
None

8.3 Individual protection measures, such as personal protective equipment (PPE)

Skin protection
Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks. In California, pesticide handlers (mixers, loaders, applicators) must also wear coveralls over normal work clothes and must not prepare spray solutions using more than 50 gallons of Avian Control per day. Harvesters must wear gloves and long sleeved shirts.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Amber liquid
Odor	Grape or mint
Odor threshold	No data available.
pH	6.5 to 7.5
Melting point/freezing point	Will not freeze
Initial boiling point and boiling range	over 212F
Flash point	> 248F
Evaporation rate	No data available.
Flammability (solid, gas)	N/A
Upper/lower flammability limits	Non-flammable
Upper/lower explosive limits	N/A
Vapor pressure	N/A
Vapor density	N/A
Relative density	1.062 at 21C
Solubility(ies)	Alcohol, solvents, vegtable oils
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	N/A
Decomposition temperature	> 212F
Viscosity	No data available.
Explosive properties	N/A
Oxidizing properties	N/A

SECTION 10: Stability and reactivity

10.1 Reactivity
None

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
None

10.4 Conditions to avoid
Extreme temperature and humidity

10.5 Incompatible materials
Oxidizing agents

10.6 Hazardous decomposition products
None

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Method: P320.UPD
Species: Rat
Routes of exposure: Oral
Effective dose: 5,000 mg/kg
Exposure time: 14 days
Results: No toxicity observed

Skin corrosion/irritation
Method: P326
Species: Rabbit
Routes of exposure: Dermal
Effective dose: Direct application
Exposure time: 4 hours
Results: Slight irritation

Serious eye damage/irritation
Method: P324
Species: Rabbit
Routes of exposure: Ocular
Effective dose: 0.1 ml.
Exposure time: One hour
Results: Moderately irritating

Respiratory or skin sensitization
ModeratMethod: P328
Species: Guinea Pig
Routes of exposure: Dermal
Effective dose: Diredct application
Exposure time: 21 days
Results: Not a contact sensitizer

Germ cell mutagenicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: Not listed

Carcinogenicity
Method:
Species:

Routes of exposure:
Effective dose:
Exposure time:
Results: Not listed

Reproductive toxicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: No evidence of mutagenic effects in in vivo and in vitro assays

Summary of evaluation of the CMR properties
None

STOT-single exposure
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: None

STOT-repeated exposure
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: None

Aspiration hazard
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: None

SECTION 12: Ecological information

Toxicity
For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Pesticide is slightly toxic to fish and aquatic inverterbrates.

Persistence and degradability
Readily biodegradable

Bioaccumulative potential
None

Mobility in soil
None

Results of PBT and vPvB assessment
N/A

SECTION 13: Disposal considerations

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

Disposal of contaminated packaging
Nonrefillable container(five gallons or less): Nonrefillable container. Do not reuse or refill this conatiner. Offer for recycling, if available. Clean container promptly after empting. Triple rinse as follows: Empty the remaining contents into aplication equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into aplication equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times.
Nonrefillable Container (greater than five gallons): Nonrefillable container. Do Not reuse or refill this container. Offer for recycling, if avilable. Clean container promptly after emptying. Triple rinse aas follows: empty the remaining contents into application equipment of a mix tank. Fill 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

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
N/A

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.2 Chemical Safety Assessment
No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Effective Date 4/3/2015

16.1 Further information/disclaimer
The statements on this SDS are believed to be true and accurate, but because conditions are beyond our control, Avian Enterprises LLC, does not make, nor does it authorize any agent or representative to make any oral or written warrenty, guarantee or representation, expressed or implied, concerning this material or the use thereof beyond the statements on the label. Avian Enterprises LLC and the seller disclaim liability for, and expect the buyer to assume all risk for any claim or personal injury or property damage or loss resulting from handling, storage or use of this material not in accordance with the written directions. No other warranty exists.

16.2 Preparation information
Generated by
Avian Enterprises LLC

Avian Control®

Bird Repellent

To be used on Agricultural Commodities (Pome Fruit, Stone Fruit, Berry and Small Fruit, Cereal Grains) and Non-Agricultural Sites including Turf, Hydroseeding, Landfills, Non-fish bearing bodies of water, Buildings and Structures.

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACTIVE INGREDIENT

Methyl Anthranilate (MA), methyl 2-aminobenzoate 20.0%

OTHER INGREDIENTS 80.0%

Total 100.0%

This product contains 1.65 pounds of Methyl Anthranilate per gallon of product.

EPA REG. No. 88889-1
EPA EST. No. 33162-MI-01

FIRST AID: IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Center at 800-900-4044 for emergency medical treatment information.

See below and back/side panel for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. 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.

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 high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This pesticide is slightly toxic to fish and aquatic invertebrates.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

• Long-sleeved shirt and long pants • Waterproof gloves • Shoes plus socks

In California, pesticide handlers (mixers, loaders, applicators) must also wear coveralls over normal work clothes and must not prepare spray solutions using more than 50 gallons of ***Avian Control***® per day. Harvesters must wear gloves and long-sleeved shirts.

Persons occupying an enclosed cockpit may substitute work clothing (i.e., long sleeved shirt, long pants, shoes and socks) for label-specified personal protective equipment.

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing immediately if pesticide gets inside. If pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Batch No.:

Manufactured for: Avian Enterprises, LLC
221 Ocean Grande Blvd. Suite 801 Jupiter, FL 33477

Net Contents:

☐ 1 Gallon ☐ 2.5 Gallons ☐ 5 Gallons ☐ 15 Gallons ☐ 30 Gallons ☐ 55 Gallons ☐ 275 Gallons

Avian Control® Bird Repellent

PEEL HERE

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard, 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

SPRAY APPLICATIONS

LANDFILLS, TURF (Golf courses, lawns, sport fields & parks), BUILDINGS & STRUCTURES, CROPS 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, Coruvs 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.

SPRAY APPLICATIONS *(Continued)* 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. ***Avian Control***® 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. This product can be applied to limit damage caused by birds to ripening crops. 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.

SPRAY APPLICATION DIRECTIONS:

Non-fish bearing bodies of water (tailing ponds, commercial or industrial water impoundments, and decorative fountains):

Avian Control® is effective at a rate of 12 oz. to 42 oz. per acre (0.16 to 0.54 lbs a.i. per acre) of water surface at 3-4 week intervals but can be used at up to a maximum of 5 gallons per acre (8 lbs a.i. per acre). Adjust timing of subsequent applications as required by bird activity and anticipated seasonal migrations. Product is best applied with a surfactant approved for use in water applications to ensure water surface coverage. **California only –** Apply 1.4 to 2.75 parts of concentrate to 555 parts of water; 2.75 to 5.5 gallons concentrate per 1100 gallons of water (0.25% to 0.50%). Mix concentrate with water before adding to non-fish bearing bodies of water. Reapply at 3-4 week intervals if necessary to maintain repellency.

Landfills, Turf (Golf Courses, Lawns, Sport Fields & Parks):

Avian Control® is effective at a rate of 12 oz. to 42 oz. per acre (0.16 to 0.54 lb a.i. per acre) but can be used at up to a maximum of 5 gallons per acre (8 lbs a.i. per acre). Apply 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 diluted while continuously agitated, or with a surfactant to ensure uniform coverage. **California only –** Apply to turf by ground or air at 7 to 14 day intervals, or after each mowing, using 1.39-2.78 gal product per acre (177-355 fl. oz.) (2.29 to 4.58 lb a.i.).

Buildings and Structures:

Apply this product to immediately repel birds from in or on structures including agricultural buildings. Product is best applied diluted while continuously agitated, or with a surfactant to ensure uniform coverage. Mix ***Avian Control***® with water at a ratio of 10-50% v/v with water. To make a 20% v/v mixture, mix 1 pint of product with 4 pints of water. To make a 50% v/v mixture, mix 1 pint of product with 1 pint of water.

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.

Crop Applications (Agricultural Uses – for list of crops in Crop Groups see table below. For application to berry and small fruit crops (Crop Group 13-07), pome fruit (Crop Group 11-10), stone fruit (Crop Group 12), cereal grains (Crop Group 13), soybeans, and sunflowers.

See Crop Group table on facing page for further information and for crops registered in the state of California.

Ground Applications:

This product must be applied using appropriate ground spray equipment. Withhold treatment until crop is susceptible to bird damage. Do not apply when crop is wet or rain is expected. Do not apply through any type of irrigation system. Product is best applied diluted while continuously agitated, or with a surfactant to ensure uniform coverage. For ground applications, dilute 12 oz. to 42 oz. ***Avian Control***® per acre (0.16-0.54 lb a.i./A) with water at a ratio of 1 part product to 10-20 parts water or in sufficient water for the application equipment to be used. Apply at rates between 25 to 100 gallons of spray mixture per acre depending on application equipment and vegetation density. Apply the spray mixture so that the crop receives thorough coverage. This product may be applied up to the day of harvest (Pre-Harvest Interval = 0 days). Repeat treatment at 6-8 day intervals if significant bird damage begins to occur. Do not apply more than 3.75 gallons per acre per application (6.2 lbs a.i. per acre). Refer to "**Application Methods and Rates in California Only**" for approved application method and rates in that state.

Air Applications (fixed wing and rotary aircraft):

Apply the spray mixture so that the crop receives thorough coverage. Product is best applied diluted while continuously agitated, or with a surfactant to ensure uniform coverage. Apply 12 oz. to 42 oz. ***Avian Control***® (0.16-0.54 lb a.i. per acre). Dilute with water and apply at rates between 2.5 to 10 gallons of spray mixture per acre. This product may be applied up to the day of harvest (Pre-Harvest Interval = 0 days). Repeat treatment at 6-8 day intervals if significant bird damage begins to occur. Refer to "Application Methods and Rates in California Only" for approved application method and rates in that state.

Applicat

Apples: 90 c

Apricots, Pe
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Cherries: 9
per acre. Ap

Millet, Oats
per acre. Ap

Wild rice (m
application

Corn (sweet

Sunflowers:

Blueberries
Apply by air

Table Grape

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Application Methods and Rates in California Only:

Apples: 90 oz. product (1.15 lb a.i.) per acre. Apply by air or ground.

Apricots, Peaches, Plums: 1.88-3.75 gal. (241-480 fl. oz.) product (3.1-6.2 lb a.i.) per acre. Apply by ground only.

Cherries: 90 oz. to not more than 1.39 gal. (179 fl. oz.) product (1.15-2.29 lb a.i.) per acre. Apply by air or ground.

Millet, Oats, Sorghum: 1.88-3.75 gal. (241-480 fl. oz.) product (3.1-6.2 lb a.i.) per acre. Apply by air or ground.

Wild rice (mechanically harvested only): 22 oz. product (0.28 lb a.i.) per acre by air application only. Do not exceed 90 ounces product (1.15 lb a.i. per acre) per year.

Corn (sweet and popping): 90 oz. product (0.28 lb a.i.) per acre. Apply by air or ground.

Sunflowers: 90 oz. product (0.28 lb a.i.) per acre. Apply by air or ground.

Blueberries: 90 oz. to not more than 1.39 gal. product (1.15-2.29 lb a.i.) per acre. Apply by air or ground.

Table Grapes: 90 oz. product (1.15 lb a.i.) per acre. Apply by air or ground.

New York: This product is not to be used on grapes within Suffolk County. Do not apply this product by air.

Crop Group	Commodities in Crop Group Approved for ***Avian Control***®
Pome Fruit Crop Group 11-10	CA only: Apples. All other states: Apple, Azarole, Crabapple, Loquat, Mayhaw, Medlar, Pear, Pear (Asian), Quince, Quince (Chinese, Japanese), Tejocote, and cultivars, varieties and/or hybrids of these crops.
Stone Fruit Crop Group 12	CA only: Apricots, Cherries, Peaches, Plums All other states: Apricot, Cherry (sweet, tart), Nectarine, Peach, Plum, Plum (Chickasaw, Damson, Japanese), Plumcot, Prune (fresh).
Berry and Small Fruit Crop Group 13-07	CA only: Table Grapes, Blueberries (low bush and high bush). All other states: Grapes, Blueberries (low bush and high bush), Blackberry, Raspberry (red and black), Strawberry. For a complete listing of other crops in Crop Group 13-07, refer to 40 CFR180.41.
Cereal Grains Crop Group 15	California only: Corn (sweet and popping); Millet, Oats, Sorghum, Wild rice (mechanically harvested only) All other states: Barley, Buckwheat, Corn, Millet (pearl), Millet (proso), Oats, Popcorn, Rice, Rye, Sorghum (milo), Teosinte, Triticale, Wheat, Wild rice

FOGGING APPLICATIONS

New York: Fogging applications are prohibited in the State of New York.

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, Coruvs 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. ***Avian Control***® can also be applied near intermittently flooded lowlying 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.

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 ***Avian Control***® with thermal and mechanical foggers as well as specialized fogging and aerosol equipment as long as the product is applied at less than 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 ***Avian Control***® or the heat when using thermal foggers. Do not smoke while applying this product.

INDOOR FOGGING APPLICATIONS:

Warehouses, hangers, garages, assembly plants, etc.

Apply ***Avian Control***® undiluted at a rate not to exceed two (2) ounces 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 ***Avian Control***® undiluted at a rate of 12 to 16 ounces per acre (43,560 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 less than 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 ***Avian Control***® 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 ***Avian Control***® 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 ***Avian Control***® undiluted using a thermal or mechanical fog generator that will deliver a dry fog with droplet size within the aerosol size range (below 30 microns) that will penetrate the foliage without wetting it. Expose as many birds as possible to the fog for fast and lasting results. Apply ***Avian Control***® 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. To prevent damage to foliage, do not allow ***Avian Control***® to accumulate to the point of runoff.

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

Apply ***Avian Control***® 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 will 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 ***Avian Control***® undiluted using a thermal fog generator that will deliver a dry fog with a droplet size below 30 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.

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Crop Applications

(Agricultural Uses – for list of crops in Crop Groups see table above. For application to berry and small fruit (Crop Group 13-07), pome fruit (Crop Group 11-10), stone fruit (Crop Group 12), cereal grains (Crop Group 13), soybeans, and sunflowers.

Use this product to limit damage caused by birds on ripening crops. Withhold treatment until fruit is susceptible to bird damage. Apply ***Avian Control***® 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). 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 (Pre-Harvest Interval = 0 days). Repeat treatment if significant bird damage begins to occur.

Refer to the table above "Commodities in Crop Group Approved for ***Avian Control***®" for the crops approved for use of ***Avian Control***® in California.

STORAGE & DISPOSAL

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

PESTICIDE 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. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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 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.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. 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:

NOTICE: The directions for use of this product are believed to be adequate and must be followed carefully. To the extent consistent with applicable law, Avian Enterprises, LLC, does not make, nor does it authorize any agent 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 label. To the extent consistent with applicable law, neither Avian Enterprises, LLC nor the seller shall be held responsible in any manner for any claim of personal injury or property damage or loss resulting from handling, storage, or use of this material not in accordance with the written directions. To the extent consistent with applicable law, the buyer assumes all risk and liability resulting from handling, storage, or use, or purchaser accepts and uses this material on these conditions. No other warranty exists.

AVIAN ENTERPRISES, LLC

Safety Data Sheet
Avian Control® Bird Repellent

SECTION 1: Identification

1.1 Product identifier

Product name	Avian Control® Bird Repellent
Product number	EPA Reg. 88889-1

1.3 Recommended use of the chemical and restrictions on use

Liquid Bird Repellent

1.4 Supplier's details

Name	Avian Enterprises LLC
Address	221 Ocean Grande Blvd Ste 801 Jupiter, FL 33477 US
Telephone	888-707-4355
email	sales@aviancontrol.com

1.5 Emergency phone number(s)

888-707-4355

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

Statement regarding ingredients of unknown toxicity (OSHA)
Methyl anthranilate 20%, Inert ingrdients 80%

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. METHYL ANTHRANILATE

Concentration	20 - 20 % (Weight)
Other names / synonyms	2-(METHOXYCARBONYL)ANILINE; 2-AMINOBENZOIC ACID METHYL ESTER; 2-CARBOMETHOXYANILINE; ANTHRANILIC ACID, METHYL ESTER; METHY ORTHO-AMINOBENZOATE; METHYL 2-AMINOBENZOATE; METHYL ANTHRANILATE; METHYL O-AMINOBENZOATE; METHYLANTHRANILATE; NEROLI OIL, ARTIFICIAL; O-AMINOBENZOIC ACID METHYL ESTER; O-CARBOMETHOXYANILINE
CAS no.	134-20-3

- Methyl anthranilate is classified as a Generally REcognized as Safe (GRAS) coompound under 21 CFR 182-60

2. Trade secret

Concentration	73 - 80 % (Weight)
Other names / synonyms	Trade secret

- Non-hazardous

3. Trade secret

Concentration	0 - 7 % (Weight)
Other names / synonyms	Trade secret

- Non-hazardous

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Caution. Keep out of reach of children. Caution. Causes moderate eye irritation. 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. To be used on Agricultural Commodities (Pome Fruit, Stone Fruit and Small Fruit, Cereal Grains) and Non-Agricultural Sites including Turf, Hydroseeding, Non-fish bearing bodies of water, Buildings and Structures
In case of skin contact	Take off contaminated clothing. Rinse skin immediately with plenty of wate for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact the

	National Poison Control Center at 800-900-4044 for emergency treatment information
In case of eye contact	Hold eye open and rinse slowly and gently with water for 15 to 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact the National Poison Control Center at 800-900-4044 for emergency treatment information

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Non-flammable

5.2 Specific hazards arising from the chemical
None

5.3 Special protective actions for fire-fighters
Self-contained breathing apparatus and full bunker gear.

Further information
Use appropriate means to extinguish surrounding fire. Water may be used to cool containers. Dike and collect runnoff to prevent entry to drains or water bodies

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.2 Environmental precautions
For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Pesticide is slightly toxic to fish and aquatic inverterbrates.

6.3 Methods and materials for containment and cleaning up
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities
Store only in original container, in a dry place, inaccessible to children, pets and domestic animals. Store apart form pesticides, fertilizers, food or feed that may cause cross-contamination from odor. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. METHYL ANTHRANILATE (CAS: 134-20-3)

8.2 Appropriate engineering controls
None

8.3 Individual protection measures, such as personal protective equipment (PPE)

Skin protection
Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks. In California, pesticide handlers (mixers, loaders, applicators) must also wear coveralls over normal work clothes and must not prepare spray solutions using more than 50 gallons of Avian Control per day. Harvesters must wear gloves and long sleeved shirts.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Amber liquid
Odor	Grape or mint
Odor threshold	No data available.
pH	6.5 to 7.5
Melting point/freezing point	Will not freeze
Initial boiling point and boiling range	over 212F
Flash point	> 248F
Evaporation rate	No data available.
Flammability (solid, gas)	N/A
Upper/lower flammability limits	Non-flammable
Upper/lower explosive limits	N/A
Vapor pressure	N/A
Vapor density	N/A
Relative density	1.062 at 21C
Solubility(ies)	Alcohol, solvents, vegtable oils
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	N/A
Decomposition temperature	> 212F
Viscosity	No data available.
Explosive properties	N/A
Oxidizing properties	N/A

SECTION 10: Stability and reactivity

10.1 Reactivity
None

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
None

10.4 Conditions to avoid
Extreme temperature and humidity

10.5 Incompatible materials
Oxidizing agents

10.6 Hazardous decomposition products
None

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Method: P320.UPD
Species: Rat
Routes of exposure: Oral
Effective dose: 5,000 mg/kg
Exposure time: 14 days
Results: No toxicity observed

Skin corrosion/irritation
Method: P326
Species: Rabbit
Routes of exposure: Dermal
Effective dose: Direct application
Exposure time: 4 hours
Results: Slight irritation

Serious eye damage/irritation
Method: P324
Species: Rabbit
Routes of exposure: Ocular
Effective dose: 0.1 ml.
Exposure time: One hour
Results: Moderately irritating

Respiratory or skin sensitization
ModeratMethod: P328
Species: Guinea Pig
Routes of exposure: Dermal
Effective dose: Diredct application
Exposure time: 21 days
Results: Not a contact sensitizer

Germ cell mutagenicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: Not listed

Carcinogenicity
Method:
Species:

Routes of exposure:
Effective dose:
Exposure time:
Results: Not listed

Reproductive toxicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: No evidence of mutagenic effects in in vivo and in vitro assays

Summary of evaluation of the CMR properties
None

STOT-single exposure
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: None

STOT-repeated exposure
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: None

Aspiration hazard
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results: None

SECTION 12: Ecological information

Toxicity
For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Pesticide is slightly toxic to fish and aquatic inverterbrates.

Persistence and degradability
Readily biodegradable

Bioaccumulative potential
None

Mobility in soil
None

Results of PBT and vPvB assessment
N/A

SECTION 13: Disposal considerations

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

Disposal of contaminated packaging
Nonrefillable container(five gallons or less): Nonrefillable container. Do not reuse or refill this conatiner. Offer for recycling, if available. Clean container promptly after empting. Triple rinse as follows: Empty the remaining contents into aplication equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into aplication equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times.
Nonrefillable Container (greater than five gallons): Nonrefillable container. Do Not reuse or refill this container. Offer for recycling, if avilable. Clean container promptly after emptying. Triple rinse aas follows: empty the remaining contents into application equipment of a mix tank. Fill 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

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
N/A

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.2 Chemical Safety Assessment
No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Effective Date 4/3/2015

16.1 Further information/disclaimer
The statements on this SDS are believed to be true and accurate, but because conditions are beyond our control, Avian Enterprises LLC, does not make, nor does it authorize any agent or representative to make any oral or written warrenty, guarantee or representation, expressed or implied, concerning this material or the use thereof beyond the statements on the label. Avian Enterprises LLC and the seller disclaim liability for, and expect the buyer to assume all risk for any claim or personal injury or property damage or loss resulting from handling, storage or use of this material not in accordance with the written directions. No other warranty exists.

16.2 Preparation information
Generated by
Avian Enterprises LLC

SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

1. IDENTIFICATION

PRODUCT NAME: Rejex-it® Migrate
DESCRIPTION: A bird repellant
EPA Reg. No.: 58035-9

COMPANY IDENTIFICATION:
Ceannard, Inc.
PO Box 2404
Gastonia, NC 28053

2. HAZARD IDENTIFICATION

WARNING
May be harmful in contact with skin

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Methyl Anthranilate	Methyl 2-aminobenzoate	134-20-3	14.5%

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact CHEMTREC 24 hours a day at 1-800-424-9300 for emergency treatment information.

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.

5. FIREFIGHTING MEASURES

Flash Point (PMA-4): N/A

Flammable Limits (LFL-UFL): N/A

Fire and Explosion Hazards: When exposed to extreme heat, closed containers may explode due to pressure buildup.

Extinguishing Medium: Foam, dry chemical, CO_2, or water fog.

Fire Fighting Equipment: Self-contained breathing apparatus and full bunker gear.

Fire Fighting Instructions: Use means appropriate to extinguish surrounding fire. Water may be used to cool closed containers. Dike and collect any runoff to prevent entry to drains or water bodies.

Hazardous Combustion Products: Thermal decomposition may result in noxious fumes and gasses including oxides of carbon and nitrogen, acetic acid, and / or other toxic compounds.

NFPA Ratings: Health – 1 / Flammability – 1 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately observing the precautions in Section 8 of this MSDS. Control spill at the source and dike spill to prevent material from entering soil, sewers, waterways or low areas. Allow spill to dry or cover entire spill with absorbing material and place into disposal containers. Once all material is cleaned up and placed in disposal containers, seal the containers and arrange for disposition.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Storage: This product should be stored in its original container in a cool, dry locked place out of reach of children and out of direct sunlight. Do not use or store near heat or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Not special requirements. Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/ maintaining PPE. Keep and wash PPE separately from other laundry.

General: 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. Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Gray to blue aqueous slurry
Odor: Slight grape odor
pH: 5.3 – 5.9
Density: 1.02 g/mL

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Extreme temperatures and high humidity.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may result in noxious fumes and gasses including oxides of carbon and nitrogen, acetic acid, and / or other toxic compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rat LD_{50}): Data not available; ingestion of large quantities may be harmful

DERMAL TOXICITY (rat LD_{50}): Data not available; harmful if absorbed through skin

INHALATION TOXICITY (rat LC_{50}): Data not available; prolonged inhalation may lead to respiratory tract irritation.

EYE IRRITATION: Data not available; prolonged or repeated contact may result in eye irritation

SKIN IRRITATION: Data not available; prolonged or repeated contact may result in skin irritation

SKIN SENSITIZATION: Not a contact sensitizer.

CARCINOGENICITY:

EPA:	Not Listed		
ACGIH:	Not Listed	**NTP:**	Not Listed
IARC:	Not Listed	**OSHA:**	Not Listed

MUTAGENIC TOXICITY: No evidence of mutagenic effects during *in vivo* or *in vitro* studies.

REPRODUCTIVE TOXICITY: No evidence in animal studies.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

12. ECOLOGICAL INFORMATION

For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing or equipment washwaters or rinsate.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If waste 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 DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Refer to product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

US DOT:

Not regulated by DOT.

15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND 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.

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 high water mark. Do not contaminate water when disposing or equipment washwaters or rinsate.

15. REGULATORY INFORMATION (CONT.)

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances
Not listed

SARA Title III – Section 311/312 Hazard Categories
Immediate

SARA Title III – Section 312 Threshold Planning Quantity
N/A

SARA Title III – Section 313 Reportable Ingredients
None

CERCLA –
None

CALIFORNIA PROP 65 STATUS –
This product does not contain any chemical known to the state of California to cause cancer or reproductive toxicity.

CANADA –
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

DISCLAIMER:

The statements on this label are believed to be true and accurate, but because conditions are beyond our control, Ceannard, Inc. does not make, nor does it authorize any agent 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 label. Ceannard, Inc. and the seller disclaim liability for, and expect the buyer to assume all risk for any claim or personnel injury or property damage or loss resulting from handling, storage, or use of this material not in accordance with the written directions. No other warranty exists.

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