

AVIAN ENTERPRISES LIMITED LLC

Safety Data Sheet Avian Migrate Bird Repellent

SECTION 1: Identification

1.1 Product identifier

Product name Avian Migrate Bird Repellent

1.3 Recommended use of the chemical and restrictions on use

Liquid Bird Repellent

1.4 Supplier's details

Name Avian Enterprises Limited LLC
Address 2000 Pontiac Dr.
Sylvan Lake, MI 48320
US

Telephone 888-707-4355
email sales@aviancontrol.com

1.5 Emergency phone number(s)

Chemtrec 1-800-424-9300

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 14.5%, Inert ingredients 85.5%

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

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1. METHYL ANTHRANILATE

Concentration 14.5 - 14.5 % (Weight)

Other names / synonyms

ANTHRANILIC ACID, METHYL ESTER; METHYL 2-AMINOBENZOATE

CAS no.

134-20-3

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

2. Trade secret

Concentration 85.5 - 85.5 % (Weight)

Other names / synonyms

Trade secret-mixture

- 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 water 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

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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 runoff 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 invertebrates.

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 from 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

Off white to tan colored liquid

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Odor	Grape or mint
Odor threshold	No data available.
pH	6.5 to 7.5
Melting point/freezing point	32F
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)	Water
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

Freezing temperatures and extreme heat 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

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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

Method: P328
Species: Guinea Pig
Routes of exposure: Dermal
Effective dose: Direct 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:

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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 invertebrates.

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 according 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 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 container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store

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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 available. Clean container promptly after emptying. Triple rinse as 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

15.2 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 warranty, 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

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