

Fertex Group

Safety Data Sheet Methyl Anthranilate

SECTION 1: Identification

1.1 Product identifier

Brand	Avian Control
Substance name	Methyl 2-aminobenzoate
EC no.	205-132-4
CAS no.	134-20-3

1.3 Recommended use of the chemical and restrictions on use

Bird repellent

1.4 Supplier's details

Name	Fertex Group
Address	5 John Wesley Avenue Bergville 3350
Telephone	(082) 557 1302
email	fertexgroup@gmail.com

1.5 Emergency phone number(s) (082) 557 1302

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 3
- Acute toxicity, oral (chapter 3.1), Cat. 5
- Acute toxicity, dermal (chapter 3.1), Cat. 5
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

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H319	Causes serious eye irritation
H316	Causes mild skin irritation
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P312	Call a POISON CENTER/doctor if you feel unwell.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P273	Avoid release to the environment.
P391	Collect spillage.

2.3 Other hazards which do not result in classification

Causes mild skin irritation

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance name	Methyl 2-aminobenzoate
EC no.	205-132-4
CAS no.	134-20-3
Formula	C8H9NO2
Molecular weight	151.17
Other names / synonyms	Benzoic acid, 2-amino-, methyl ester; NEROLI OIL, ARTIFICIAL; METHYL 2-AMINO BENZOATE; ANTHRANILIC ACID

Hazardous components

1. METHYL ANTHRANILATE

Concentration	99 - 99 %
Other names / synonyms	ANTHRANILIC ACID; Benzoic acid, 2-amino-, methyl ester; ; METHYL 2-AMINO BENZOATE; METHYL O-AMINO BENZOATE; METHYL ANTHRANILATE; NEROLI OIL, ARTIFICIAL
CAS no.	134-20-3

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Trade secret statement (OSHA 1910.1200(i))

If Chemical Name/CAS number is "proprietary" and/or weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration may be necessary. Seek medical attention-if required.</p> <p>IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Respirator Recommendation.</p>
In case of skin contact	<p>Wash with large quantity of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs, seek medical attention.</p> <p>IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.</p>
In case of eye contact	<p>Rinse immediately with cool running water, including under eyelids for at least 15 minutes. Remove contact lenses, if present, after five minutes. continue rinsing eyes. If irritation continues, seek medical attention.</p> <p>First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.</p>
If swallowed	<p>DO NOT induce vomiting. Drink one or two glasses of water. Seek medical attention immediately.</p> <p>DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.</p>

4.2 Most important symptoms/effects, acute and delayed

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Headache, nausea or dizziness. Direct contact may cause skin or eye irritation.

This compound is an irritant to the skin.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

None

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

This compound is not very flammable but any fire involving this compound may produce dangerous vapors. You should evacuate the area. All firefighters should wear full-body protective clothing and use self-contained breathing apparatuses. You should extinguish any fires involving this chemical with a dry chemical, carbon dioxide, foam, or halon extinguisher.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

If you spill this chemical, use absorbent paper to pick up all liquid spill material. Your contaminated clothing and absorbent paper should be sealed in a vapor-tight plastic bag for eventual disposal. Solvent wash all contaminated surfaces with alcohol followed by washing with a strong soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle according to accepted industrial hygiene and safety practice. Use personal protective equipment (see section 8). Follow all label directions. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from excessive heat or incompatible materials, oxidizers and reducing agents.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

8.2 Appropriate engineering controls

Use in well ventilated area. Eyewash and emergency showers should be available.

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

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

*MINIMUM PROTECTIVE CLOTHING: Not available *RECOMMENDED GLOVE MATERIALS: Not available

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

None required

*RECOMMENDED RESPIRATOR: Where the neat test chemical is weighed and diluted, wear a NIOSH- approved half face respirator equipped with an organic vapor/acid gas cartridge (specific for organic vapors, HCl, acid gas and SO₂) with a dust/mist filter.

Thermal hazards

None

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Colorless to pale yellow liquid with light; blue fluorescence.
Odor	Grape or orange like odor
Odor threshold	Not determined
pH	6.0 to 8.0
Melting point/freezing point	24-25C
Initial boiling point and boiling range	237C
Flash point	110C

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Evaporation rate	N/A
Flammability (solid, gas)	Combustible
Upper/lower flammability limits	N/A
Upper/lower explosive limits	Not determined
Vapor pressure	0.012
Vapor density	Not determined
Relative density	1.161 -1.169 at 25C
Solubility(ies)	0.29g/100ml., Miscible in all Proportions with ethanol 96%, DMSO and diethyl ether
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	None
Oxidizing properties	None

Other safety information

*VOLATILITY: Not available

*FLAMMABILITY(FLASH POINT):

The flash point of this chemical is 110 C. It is combustible.

Fires involving this compound should be controlled using a dry chemical, carbon dioxide or Halon extinguisher.

*UEL: Not available LEL: Not available

*REACTIVITY: Not available

*STABILITY: This compound is sensitive to air and light.

*OTHER PHYSICAL DATA:

Refractive index: 1.5810 @ 20 C

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal storage conditions.

10.2 Chemical stability

Stable under normal storage conditions

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Excessive heat

10.5 Incompatible materials

Peroxides & phenols

10.6 Hazardous decomposition products

Carbon dioxide (CO₂). Carbon monoxide. Oxides of nitrogen. Hydrocarbons.

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SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Oral LD 50, Rat, 3000 mg/kg

Dermal LD 50, Rat, 2000mg/kg

In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. May be harmful if swallowed. May be harmful in contact with skin. May cause respiratory irritation.

Skin corrosion/irritation

May cause skin irritation.

Skin and Eye Irritation Data: Rabbit Non-irritating

Serious eye damage/irritation

Causes mild to moderate eye irritation.

Primary eye irritation, Rabbit, Cleared in 72 hours

Respiratory or skin sensitization

Inhalation LC 50 Rat mg/4 hour Not determined

Skin sensitization Guinea Pig, not a sensitizer

Germ cell mutagenicity

No known significant effects or critical hazards.

Carcinogenicity

No known significant effects or critical hazards.

Reproductive toxicity

No known significant effects or critical hazards.

Summary of evaluation of the CMR properties

No known significant effects or critical hazards.

STOT-single exposure

No known significant effects or critical hazards.

STOT-repeated exposure

No known significant effects or critical hazards.

Aspiration hazard

No known significant effects or critical hazards.

SECTION 12: Ecological information

Toxicity

Toxic to aquatic life with long lasting effects.

LC 50 Channel catfish 16.23 ppm

LC 50 Oncorhynchus mykiss 22.91 ppm

EC 50 Daphnia magna 18.2 ppm

Persistence and degradability

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No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

SECTION 13: Disposal considerations

Disposal of the product

Do not discharge into drains, water sources or onto ground. Do not allow this material to drain into sewer or water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

The generation of waste should be avoided or minimized whenever possible. Disposal of this product, solutions and any by-products should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional or local requirements.

Disposal of contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Sewage disposal

Do not allow product to enter drains or sewers

SECTION 14: Transport information

IMDG

Not regulated

IATA

Not regulated

SECTION 15: Regulatory information

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

Toxic Substances Control Act (TSCA) Inventory

Not regulated

SARA 302 Components

Not listed

SARA 311/312 Hazards

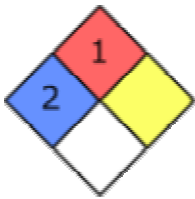
Not listed

SARA 313 Components

Not listed

NFPA Rating

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SECTION 16: Other information

Effective 4/10/15

16.1 Further information/disclaimer

The statements on this SDS are believed to be true and accurate, but because conditions are beyond our control, Stone Soap Co., Inc. 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. Stone Soap Co., Inc. 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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