

MATERIAL SAFETY DATA SHEET

BIRD-X, INC.

For Chemical Emergency, Spill, Leak, Fire, Exposure, etc
Call CHEMTREC Day or Night: 1-800-424-9300.
For Medical Emergencies Only, Call 1-800-858-7378

SECTION I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	BIRD STOP
Chemical Name:	Methyl anthranilate 2-Aminobenzoic acid methyl ester
Chemical Family:	Organic
EPA Reg. No. :	87304-1-8708
Company Name:	Bird-X, Inc. 300 N. Oakley Blvd. Chicago, IL 60612 USA
Date of Issue:	January 21, 2011

SECTION: II. HAZARDOUS IDENTIFICATION

Emergency Overview:

Appearance and Odor: Milky white liquid (viscous), with strong grape-like odor.

Warning Statement: Keep out of reach of children. **CAUTION.** Causes skin and eye irritation, other toxic effects unknown.

Emergency and First Aid Procedures: IF INHALED: Remove from exposure. Restore breathing. Keep warm and quiet. IF ON SKIN: Wash affected area thoroughly with soap and water. IF IN EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or two glasses of water and induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

SECTION: III. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS No.	BY WEIGHT
Methyl anthranilate	134-20-3	26.4%
Other ingredients		
TOTAL		100.00%

SECTION: IV. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, 760 mm. Hg	382+F° (210+C°)
Freezing point	32 F° (0 C°)
Specific gravity	1.043
Vapor Pressure	<1 mm Hg
Vapor Density	NA
Solubility in Water	Miscible with water in any ratio
Other solvents	Isopropyl alcohol, methanol, ethanol
Evaporation rate	Slower than ether, 100% in 10 days under direct sunlight
Appearance and Odor	Milky white and strong-grape like odor

SECTION: V. FIRE AND EXPLOSION HAZARD DATA

Flash Point	212+C°
Auto ignition Temperature	No data found
Flammability Limits in Air	No data found
Extinguishing Media	Carbon dioxide, dry chemicals, foam.
Special Fire Fighting Procedures	Full protective equipment including self contained breathing apparatus. Carbon dioxide, dry chemical or foam preferred followed by fog nozzles.
Unusual Fire & Explosion Hazards	Slight fire hazard when exposed to open flame. Closed containers may explode when exposed to extreme heat.

SECTION: VI. TOXICOLOGICAL INFORMATION

Toxicological Data:

Oral: Rat LD₅₀ > 5,000 mg/Kg of body weight in female rats.

Acute Dermal: Rat LD₅₀ > 5,000 mg/Kg of body weight in male and female rats.

Inhalation: Rat 4-hr LC₅₀ > 2.07 mg/L in male and female rats.

Eye Irritation: Rabbit: Moderately irritating to the eye.

Skin Irritation: Rabbit: Severely irritating to the skin.

Skin Sensitization: Bird Stop is not considered to be a contact sensitizer.

It is important to note that methyl anthranilate is exempt from the requirements of tolerance in the United States when used in accordance with good agricultural practices on the following raw agricultural commodities: blueberry, corn grape, and sunflower (40 CFR§ 180.1143).

SECTION VII FIRE AND EXPLOSION HAZARD DATA

Flash Point	220 C°
Flammability Limits in Air	NA
Extinguishing Media	Foam, alcohol foam, CO ₂ , dry chemical, water fog.
Special Fire Fighting Procedures	Full protective equipment including self-contained breathing apparatus. Carbon dioxide, dry chemical or foam preferred followed by fog nozzles. However, all of the water must be driven off for this to occur.
Unusual Fire & Explosion Hazards	Slight fire hazard when exposed to open flame. Closed containers may explode when exposed to extreme heat.
Hazardous Polymerization:	Will not occur

SECTION: VIII. HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of Exposure: Prolonged inhalation may lead to respiratory tract irritation.

Skin and Absorption Health Risks and Symptoms of Exposure: None expected.

Ingestion Health Risks and Symptoms of Exposure: Ingestion of large quantities may be harmful.

Health Hazards (acute and chronic): None known.

SECTION: IX. SPILL OR LEAK PROCEDURES

Steps to be taken in case the material is Spilled or Released:

Contain the spill to prevent a large discharge to surface streams or storms sewers. Since landfill operations will not accept liquid waste, allow to dry, if possible before collecting for disposal. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets, or other containers.

Waste Disposal Method:

Do not reuse plastic jugs. Dispose empty jugs in accordance with local regulations. Do not incinerate closed containers. Waste shipments must be securely packed and properly labeled.

Precautions to be taken in Handling and Storing: Store only in original container, in a dry place inaccessible to children, pets, and domestic animals. Store separate from pesticides, fertilizers, food, or feed that may cause cross-contamination from odor.

Other Precautions: Do not store near open flames or oxidizing agents. Do not store at temperatures below 40 F° (4 C°) or above 110F° (43 C°). Avoid excessive exposure. Do not take internally. Keep from freezing. Keep containers closed when not in use.

SECTION: X. CONTROL MEASURES

Respiratory Protection	If excessive vapors or mists are generated, wear a respirator (MISHA)/NIOSH approval number TC-21 C) approved for organic vapors, fumes and mists in areas laden with vapor.
Ventilation	Mix in well ventilated area (local exhaust preferable, general exhaust acceptable) or in the out-of-doors.
Protective Clothing	Rubber gloves, apron, boots as necessary to prevent skin contact as needed.
Eye Protection	Safety glasses or goggles with unperforated side shields.
Other Protective Equipment	Safety shower, eye wash. Wash skin and clothing thoroughly with soap and warm water after handling or contamination.

SECTION: XI. – DISCLAIMER

The information and recommendations contained herein are based on the data available to us believed to be correct. The manufacturer, however, no guarantee or warranty of any kind, expressed or implied is made with respect to the information provided or the results to be obtained from the use thereof.