

**MATERIAL SAFETY DATA SHEET****GOOSE CHASE/FRUIT SHIELD****DATE:** January 11, 2006 Revision No. 2**NAME AND ADDRESS:** Bird-X Inc.  
300 N. Elizabeth St.  
Chicago, IL 60607 USA**EMERGENCY PHONE Nos.:** Business Hours 312-226-2473  
Non-Business Hours 509-924-7967**Section 1. IDENTITY**

Chemical Name: Methyl anthranilate  
Other Names: 2-Aminobenzoic acid methyl ester  
Trade Names: Goose Chase & Fruit Shield  
Chemical Family: Aromatic acid ester + inert ingredients  
CAS No.: 134-20-3  
Percent: 26.4%, (Inert ingredients 73.6%)  
GRAS Registry No. USFDA 21 CFR 182-10 No. 2682  
TPIN 1998E061868  
DOT Shipping Classification Chemicals, NOI (Not Regulated)

**Section 2. HAZARDOUS INGREDIRNTS**

Material Methyl anthranilate (26.4%), Unassigned TLV (units)  
CERCLA Ratings (Scale 0-3) Health=2, Fire=1, Reactivity=0, Persistence=1  
NFPA Ratings (Scale 0-4) Health=0, Fire=1, Reactivity=0

**Section 3. PHYSICAL AND CHEMICAL CHARACTERISTICS**

Boiling Point, 760 mm. Hg 382+ °F (210+ °C)  
Freezing point: 32 °F (0 °C)  
Density(Specific Gravity) 1.043  
Vapor Pressure: <1 mm Hg  
Vapor Density: No data found  
Solubility in Water: Complete  
Other Solvents: Isopropyl alcohol, methanol, ethanol  
% Volatiles by Volume: 25% maximum  
Evaporation Rate: 100% in 10 days under direct UV light (sunlight)  
Appearance and Odor: Greenish or pinkish white, or brownish white liquid,  
without color streaks when properly mixed.  
Yellowish crystals may form below 50 °F(10 °C).  
Strong grape-like or flowery odor

**Section 4. FIRE AND EXPLOSION HAZARD DATA**

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

**Section 5. Health Hazard Data**

Threshold Limit Value:	None established by OSHA, ACGIH or NIOSH
Effects of overexposure:	Skin and eye irritation. Other toxic effects unknown. Methyl Anthranilate is classified as a Generally Recognized as Safe (GRAS) compound under 21 CFR 182-60
Emergency and First Aid Procedures:	<b>Eye Contact:</b> Immediately flush with plenty of water for at least fifteen minutes. Seek Medical Attention at Once <b>Skin Contact:</b> Wash affected area thoroughly wash with soap and water. <b>Inhalation:</b> Remove from exposure. Restore breathing. Keep warm and quiet. <b>Ingestion:</b> Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.
Toxicity Data:	Oral LD <sub>50</sub> : Rat 3000 mg/Kg; Mouse 3900 mg/Kg; Guinea Pig = 2780 mg/Kg. 24 hour skin: Rabbit = Moderate. Reproductive effects (RTECS), Carcinogen – None.

**Section 6. Reactive Data**

Stability:	Breaks down under ultraviolet light.
Hazardous Polymerization:	Will not occur
Incompatibility:	Oxidizing materials
Hazardous Decomposition Products:	BY FIRE: Carbon dioxide, carbon monoxide and oxides of nitrogen.

**Section 7. Spill or Leak Procedures**

Steps to be Taken in Case the Material is Spilled or Released:

Collect the material for reclamation or place in a covered waster disposal container.

Waste disposal method:

Landfill, incinerate in approved facility or expose to ultraviolet (UV) light or sunlight until all odor dissipates. Do not incinerate closed container. Dispose of in accordance with federal, state and local regulations regarding pollution.

**Section 8. Special Protective Information**

Respiratory Protection:	Use a respirator (MISHA) / NIOSH) approval number TC-21C) 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.
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 9. Special Precautions**

Precautions to be Taken in Handling and Storage:

Do not store near open flames or oxidizing agents.

Do not store at temperatures below 50°F (10°C) or above 110°F (43°C).

Other precautions: Avoid overexposure. Do not take internally.

*The information contained herein is based on the data available to us and is believed to be correct as of the date prepared. The manufacturer, however, makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.*