

## **MATERIAL SAFETY DATA SHEET**

Bird-X, Inc.  
300 N. Elizabeth St., Chicago IL 60607  
312-226-2473

EPA EST. NO. 66550-WA-1  
EPA REG. NO. 66550-1-8708  
Net Wt. 128 Fl. Oz./Gal.

EMERGENCY TELEPHONE:  
509-332-1989

### **SECTION I**

CHEMICAL NAME: Methyl Anthranilate; 2-Aminobenzoic acid methyl ester  
TRADE NAME: **GooseChase Repellent** CHEMICAL FAMILY: Aromatic acid ester + inert ingredients  
FORMULA: 25% methyl anthranilate; 75% inert ingredients; 100% v/v total  
CAS REGISTRY NO.: 134-20-3 MOLECULAR FORMULA: C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>  
DOT SHIPPING CLASSIFICATION: Chemicals, NOI (not regulated) CAGE NO.: 08EP0  
GRAS REGISTRY NO.: U.S.F.D.A. 21CFR 182-10 No. 2682

### **SECTION II HAZARDOUS INGREDIENTS**

MATERIAL: Methyl anthranilate (25%), 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 III PHYSICAL DATA**

BOILING POINT, 760 mm. Hg: 210+°C FREEZING POINT: 0°C  
SPECIFIC GRAVITY: 1.043 VAPOR PRESSURE: <1 mm Hg  
VAPOR DENSITY: No data found SOLUBILITY IN WATER: Complete  
OTHER SOLVENTS: Isopropyl alcohol, methanol, ethanol % VOLATILE BY VOLUME: .25% maximum  
EVAPORATION RATE: 100% in 10 days in direct sunlight  
APPEARANCE AND ODOR: Greenish or pinkish white liquid, without color streaks, when properly mixed. Yellowish crystals forming below -10°C. Strong grape-like odor.

### **SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: 212+°C AUTOIGNITION TEMPERATURE: No data found  
FLAMMABILITY LIMITS IN AIR: No data found EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemicals, foam  
SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus. CO<sub>2</sub>, 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 V HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: None Established by OSHA, ACGIH or NOISH  
EFFECTS OF OVEREXPOSURE: May cause skin and eye irritation. Other toxic effects unknown. Methyl anthranilate is classified as Generally Recognized as Safe (GRAS) compound under 21 CFR 182.60.  
EMERGENCY/FIRST AID: Inhaled: Remove from exposure. Restore breathing. Keep warm and quiet. Skin: Wash thoroughly with soap and water. Eyes: Flush with large amounts of water for 15 minutes; get medical attention. Swallowed: Never give anything by mouth to an unconscious person. Give several glasses of water. If vomiting is not spontaneous, induce vomiting by gently touching back of patient's throat with finger. Keep airway clear. Seek medical attention.  
TOXICITY DATA: Oral LD50: Rat - 3,000 mg/Kg; Mouse - 3900 mg/Kg; Guinea pig - 2780 mg/Kg. 24 hour skin: Rabbit - moderate. Reproductive effects (RTECS), Tumorigenic (RTECS), Carcinogen - None.

### **SECTION VI REACTIVITY DATA**

STABILITY: Stable INCOMPATIBILITY: Oxidizing agents HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION PRODUCTS: By fire: CO<sub>2</sub>, CO and oxides of nitrogen.

### **SECTION VII SPILL OR LEAK PROCEDURES**

IF MATERIAL IS SPILLED/RELEASED: Collect for reclamation or place in covered waste disposal container.  
WASTE DISPOSAL: Landfill, incinerate in approved facility or expose to ultraviolet (UV) light until all odor dissipates, in accordance with federal, state and local regulations regarding pollution. Do not incinerate closed container. \_\_\_

### **SECTION VIII SPECIAL PROTECTIVE INFORMATION**

RESPIRATORY: Use respirator approved (MSHA/NIOSH #TC-21C) for organic vapors, fumes and mists.  
VENTILATION: Mix in well ventilated area (local exhaust preferable, general exhaust acceptable) or outdoors.  
PROTECTIVE GLOVES: Rubber.  
EYES: Safety glasses or goggles with unperforated side shields.  
OTHER: Safety shower, eye wash. Wash skin/clothing thoroughly with soap and warm water after handling or contamination.

### **SECTION IX SPECIAL PRECAUTIONS**

HANDLING AND STORAGE: Keep from open flames and oxidizing agents. Do not store below 50° F or above 110°F.  
OTHER: Avoid excessive exposure. Do not take internally.