

MATERIAL SAFETY DATA SHEET

GOOSE CHASE/FRUIT SHIELD

DATE: March 25, 2004 Revision No. 1

NAME AND ADDRESS: Bird-X Inc.
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Chicago, IL 60607 USA

EMERGENCY PHONE Nos.: Business Hours 312-226-2473
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Section 1. IDENTITY

Chemical Name: Methyl anthranilate
Other Names: 2-Aminobenzoic acid methyl ester
Trade Names: Goose Chase & Fruit Shield
Chemical Family: Aromatic amino acid ester
CAS No.: 134-20-3
Percent: 26.4%, (Inert ingredients 73.6%)

Section 2. PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical Form: Emulsified Liquid
Boiling Point: Emulsion 212°F(100°C); Active ingredient 492°F (256°C)
Freezing point: Emulsion 32°F (0°C); Active ingredient 75°F(24°C)
Density(Specific Gravity) 1.043
Vapor Pressure: <1 mm Hg
Vapor Density: No applicable information has been found.
Solubility in Water: Complete as an emulsion
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: White Liquid that may develop, pink or brown coloration without color streaks when properly mixed.
Yellowish crystals may form below 50°F(10°C).
Strong grape-like or flowery odor

Section 3. PHYSICAL HAZARDS

Fire Hazard:

Flash Point: >212°C
Flammable Limits: No applicable information has been found.
Extinguishing Media: CO2 and ABC Dry powder

Special Fire Fighting Procedures:

Wear positive self contained breathing apparatus with full eye protection.

Unusual Fire Hazards:

None Known

Explosion Hazard:

Not Explosive. However, containers may explode if exposed to extreme heat

Reactivity:

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility and Conditions to Avoid: Oxidizing materials,

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Section 3. PHYSICAL HAZARDS – Cont.

Hazardous Decomposition Products:

May be toxic.
May emit fumes of Carbon monoxide,
Carbon dioxide or Oxides of Nitrogen

NFPA Ratings (Scale 0-4)

Health=0, Fire=1, Reactivity=0

Section 4. HEALTH HAZARDS

Classified as Generally Recognized as Safe (GRAS) under 21CFR182.6
Other Data from Hazardous Substance Data Bank (HSDB) No.1008 & RTECS

Acute Toxicity:

Oral: Low - LD₅₀: Rat 3000 mg/Kg; Mouse 3900 mg/Kg
Eye: Moderate Irritant.
Skin: Mild Irritant.
Absorption: No applicable information has been found..
Inhalation: Rat data shows no acute toxicity.

Chronic Toxicity:

No applicable information has been found.

Signs and Symptoms of Exposure:

Eye: Stinging or burning of eyes and lids, watering of eyes, conjunctivitis.
Skin: Burning, Itching, tingling
Absorption: No applicable information found
Ingestion: No applicable information has been found.
Inhalation: Shortness of Breath, Headache,

Medical Conditions Aggravated by Exposure:

No applicable information found

Section 5. PRIMARY ROUTES OF ENTRY:

Ingestion, inhalation, absorption, skin contact.

Section 6. EXPOSURE LIMITS

None Set by OSHA ACGIH or NIOSH

Section 7. LISTED CARCINOGEN

Not Listed
Negative Mutagen in Ames Test.

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Section 8. PRECAUTIONS FOR SAFE HANDLING AND USE

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).

Usage:

Shake or mix thoroughly before dilution for use

Hygienic Practices:

Use standard Agricultural and Industrial safety practices for an eye irritant Organic Chemical. Avoid exposure. Do Not Take Internally

Protective Measures During Repair and Maintenance of Contaminated Equipment:

Use standard Agricultural and Industrial safety practices for an eye irritant Organic Chemical

Spills and Leaks Procedures:

Use Respiratory Protection and Protective Clothing.
Absorb with inert materials.
Dispose in accordance with Federal State and local regulations.
Wash spill site with water after absorption material has been removed.

Section 9. CONTROL MEASURES - EMPLOYEE PROTECTION

Engineering Controls:

Ventilation: Mix in well ventilated area (local exhaust preferable), in out-of-doors.

Work Practices:

Personal Protective Equipment:

Respiratory Protection:

Use a respirator (MISHA)/NIOSH approval number TC-21C) approved for organic vapors, fumes and mists in areas laden with vapor.

Protective Clothing:

Use Rubber Gloves and cover arms and legs

Eye Protection

Safety glasses or goggles with unperforated side shields.

Additional Protective Measures:

Avoid all contact. Protection from eye and skin contact is mandatory, Protective equipment to prevent inhalation is mandatory, Use with adequate ventilation and use a respirator . Wash skin and clothing thoroughly with soap and warm water after handling or contamination. Safety shower and eye wash.

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Section 10. EMERGENCY AND FIRST AID PROCEDURES

Remove contaminated clothing immediately and launder before reuse.
Discard contaminated shoes.
No specific medical information has been found.
Seek Medical Attention at Once if unusual symptoms arise.

Eye Contact:

Immediately flush with plenty of water for at least fifteen minutes.
Seek Medical Attention at Once

Skin Contact:

Thoroughly wash with soap and water, while removing contaminated clothing.
Seek Medical Attention at Once if unusual symptoms arise

Inhalation:

Remove to fresh air. If not breathing give mouth to mouth resuscitation.
If breathing is difficult, give oxygen. Seek Medical Attention at Once

Ingestion:

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.
Seek Medical Attention at Once

Section 11. REGULATORY INFORMATION

CERCLA

Ratings (Scale 0-3) Health=2, Fire=1, Reactivity=0, Persistence=1

DOT

Shipping Classification Chemicals, NOI (not regulated)

Other

GRAS Registry No. USFDA 21 CFR 182-10 No. 2682
TPIN 1998E061868

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.