

# SAFETY DATA SHEET



## FLOCK-OFF™

Date of Issue: August 2011

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Methyl anthranilate  
**Recommended use:** 2-Aminobenzoic acid methyl ester  
Bird repellent

**Supplier:** Etec Crop Solutions Ltd  
PO Box 51584  
Pakuranga 2140  
Auckland

**Emergency telephone number:** 0800 Poison (0800 764 766) 24 Hours

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** HSNO: 6.3A, 6.4A  
**Required identification Details:** Warning: Light sensitive. Causes eye, skin and respiratory tract irritation. May cause gastrointestinal irritation with nausea, vomiting and diarrhoea

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Methyl anthranilate	134-20-3	27.4
Inert ingredients		72.6

### 4. FIRST-AID MEASURES

#### Description of necessary first aid measures:

#### Effects and symptoms

#### First-aid measures

**Inhalation:** Remove from exposure and move to fresh air immediately.

**Ingestion:** DO NOT induce vomiting. If conscious, rinse mouth and Drink 2-4 cups of milk or water.

**Skin contact:** Flush skin with plenty of water at least 15 mins. Remove contaminated clothing and footwear.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 mins, occasionally lifting upper & lower eyelids.

#### Notes to a physician:

#### Workplace facilities:

## Required Instructions:

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### 5. FIRE-FIGHTING MEASURES

<b>HAZCHEM Code:</b>	Non-hazardous
<b>Extinguishing media :</b>	Carbon dioxide, dry chemicals, foam.
<b>Hazardous thermal (de)composition products:</b>	Carbon dioxide, carbon monoxide and oxides of Nitrogen.
<b>Protection of fire-fighters:</b>	As in any fire, wear a self-contained breathing apparatus And full protective gear.

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### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Use proper personal protective equipment.
<b>Environmental precautions:</b>	
<b>Methods for cleaning up:</b>	Absorb spill with inert material (eg. vermiculite, sand or earth) and place in suitable container. Dispose of in accordance with local authority regulations. Do not incinerate closed container.

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### 7. HANDLING AND STORAGE

<b>Handling:</b>	Wash hands thoroughly after handling. Remove contaminated clothing and wash before re-use. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.
<b>Storage:</b>	Store in a cool dry place. Keep container closed when not in use.
<b>Packaging materials:</b>	

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Workplace Exposure Guidelines

**Workplace exposure standards:**

**Application in the workplace:**

**Exposure Standards outside:  
The workplace:**

#### Engineering measures

**Hierarchy of controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate to keep airborne concentrations low.

**Exposure control measures:**

**No Hazard indication:**

**Ventilation specification:** Mix in well ventilated area.

### **Personal Protective Equipment**

**Detail specifications for equipment:**

**Respiratory system:** Use approved respirator if exposure limits are exceeded or of irritation or other symptoms are experienced.

**Skin and body:** Wear appropriate gloves and protective clothing to prevent skin exposure.

**Hands:**

**Eyes:**

Wear chemical splash goggles.

**General hygiene:**

Wash hands thoroughly after handling. Remove contaminated clothing and wash before re-use.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Colour:** Greenish or pinkish white or brownish white.

**Odour:** Grape-like flowery odour.

**pH:**

**Vapour Pressure:** <1 mm Hg

**Vapour Density:** No density found

**Boiling Point:** 382+°F

**Freezing/melting point:** 32°F

**Solubility:** Complete

**Specific gravity or density:** 1.043

**Information for flammable material including:**

- **Flashpoint (state test Method)** 212+°C

**Octanol/water partition coefficient:**

**Explosion properties:**

**Oxidation properties:**

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## **10. STABILITY AND REACTIVITY**

**Stability:** Breaks down under ultraviolet light.

**Conditions to avoid:** Oxidizing agents  
**Materials to avoid:**

**Hazardous decomposition Products:** By FIRE: Carbon dioxide, carbon monoxide and oxides of Nitrogen.

**Hazardous polymerization:** Will not occur

**Specific Data:**

**Hazardous reactions :**

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity – Oral :** LD50: rat = 3000 mg/Kg; Mouse = 3900 mg/Kg; Guinea pig = 2780 mg/Kg

**Acute toxicity - Dermal :** 24 hour skin: Rabbit = moderate

**Acute toxicity – Inhalation:**

**Skin irritation :**

**Eye irritation:**

**Sensitization :**

**Common name :**

**Chronic toxicity :**

**Carcinogenicity:**

**Mutagenicity:**

**Reproduction toxicity:** Reproductive effects (RTECS), Tumerigenic (RTECS), Carcinogen – None

**Other information :**

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Not available

**Fish**

**Daphnia magna**

**Algae**

**Bees**

**Common name**

**Mobility Soil**

**Water**

**Persistence/degradability Soil**

**Water**

**Bioaccumulative potential :**

**Ecotoxicity**

**Fish**

**Daphnia magna**

**Algae** (scenedesmus subspicatus)

**Birds**

**Bees**

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### 13. DISPOSAL CONSIDERATIONS

**Methods of disposal :** Dispose of in accordance with local regulations.

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### 14. TRANSPORT INFORMATION

International transport regulations

**International transport regulations:**

**UN number:** Not required. Not classified as hazardous.

**Land - Road/Railway**

**Proper shipping name :**

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### 15. REGULATORY INFORMATION

**ACVM Registered Number:** NA

**HSNO Approval Code:**

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### 16. OTHER INFORMATION

**Additional information:** ,

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