

# SAFETY DATA SHEET



## AVEX<sup>®</sup>

Date of Issue: August 2011

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Polycyclic quinone  
**Recommended use:** Bird repellent for plants, turf and structures

**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:** Mild eye, skin irritant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients		
Common name	CAS No	%
Polycyclic quinone	84-65-1	50
Inert ingredients		50

### 4. FIRST-AID MEASURES

#### Description of necessary first aid measures:

**Effects and symptoms** May be mildly irritating to eyes and skin.

**First-aid measures**

**Inhalation:** Remove to fresh air. Apply artificial respiration if necessary. Get medical help if breathing difficulty persists.

**Ingestion:** Give a glass or two of water. Get medical help. Never give anything by mouth to an unconscious person.

**Skin contact:** Remove contaminated clothing. Wash with soap and water. If irritation persists see a doctor.

**Eye contact:** Immediately flush with water for 15 minutes. If irritation persists see a doctor

**Notes to a physician:**

**Workplace facilities:**

**Required Instructions:**

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## 5. FIRE-FIGHTING MEASURES

<b>HAZCHEM Code:</b>	2Z
<b>Extinguishing media :</b>	CALL FIRE SERVICE ON 111 informing them of the HAZCHEM Water spray, foam, dry chemical, CO <sub>2</sub> . Halon.
<b>Hazardous thermal (de)composition products:</b>	Not known.
<b>Protection of fire-fighters:</b>	Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or gases.
<b>Flammability Properties:</b>	Non flammable. Does not flash.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Spill - Use appropriate Personal Protection Equipment (as in section 8) during clean up.
<b>Environmental precautions:</b>	Contain spill, do not allow material to enter sewers or bodies of water. Keep unprotected persons and animals out of the area.
<b>Methods for cleaning up:</b>	Soak up with sand, sawdust or other absorbent material, shovel or sweep up and bury in an approved landfill. Avoid generation of dust. Spill area can be washed with water.

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## 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep out of reach of children or animals.
<b>Storage:</b>	Store in original container, tightly closed in a locked, dry, well ventilated place away from food or feedstuffs.
<b>Packaging materials:</b>	

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace Exposure Guidelines

**Workplace exposure standards:** NA

**Application in the workplace:**

**Exposure Standards outside:  
The workplace:**

### Engineering measures

**Hierarchy of controls:**

**Exposure control measures:**

**No Hazard indication:**

**Ventilation specification:**

### **Personal Protective Equipment**

**Detail specifications for equipment:**

Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants ,waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

**Respiratory system:**

**Skin and body:**

Rubber gloves and other protective clothing as appropriate to prevent skin contact.

**Hands:**

**Eyes:**

Safety glasses or goggles are recommended.

**General hygiene:**

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

**Physical State:**

Liquid

**Colour:**

Light tan

**Odour:**

Weak aromatic odour

**pH:**

**Vapour Pressure:**

NA

**Vapour Density:**

NA

**Boiling Point:**

NA

**Freezing/melting point:**

NA

**Solubility:**

Miscible

**Specific gravity or density:**

NA

**Information for flammable material including:**

- **Lower and upper flammability limits**
- **Flashpoint (state test Method)**

NA

**Auto – ignition Temperature:**

**Octanol/water partition coefficient:**

**Explosion properties:**

**Oxidation properties:**

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## **10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:**

**Materials to avoid:**

**Hazardous decomposition Products:**

**Hazardous polymerization:** *Will not occur*

**Specific Data:**

**Hazardous reactions :**

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity – Oral :** Acute Oral LD<sub>50</sub> >5000 mg/kg Rat

**Acute toxicity - Dermal :** Acute Dermal LD<sub>50</sub> >5000 mg/kg Rabbit

**Acute toxicity – Inhalation:** Acute Inhalation LC<sub>50</sub> >2.04 mg/L Rat

**Skin irritation :** *Mild skin irritant*

**Eye irritation:**

**Sensitization :** Not a sensitiser

**Common name :**

**Chronic toxicity :** None

**Carcinogenicity:**

**Mutagenicity:** None

**Reproduction toxicity:** None

**Other information :**

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Fish** LC<sub>50</sub> Fat head minniws 5300 mg/L

**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 :** Triple rinse container and add to spray tank. Burn if circumstances, particularly wind direction, permit; otherwise crush and bury in an approved landfill.

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### 14. TRANSPORT INFORMATION

Do not load in same container as explosives or food.

**International transport regulations:**

**UN number:** Not regulated

**Land - Road/Railway**

**Proper shipping name :**

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### 15. REGULATORY INFORMATION

**ACVM Registered Number:** NA

**HSNO Approval Code:** NA

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### 16. OTHER INFORMATION

**Additional information:**

#### *Disclaimer*

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.

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