



# SUPERWAY GARDEN AG & PEST PRODUCTS PTY

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## MATERIAL SAFETY DATA SHEET

13/6/2011

### 1 IDENTIFICATION

Product Name **SUPERWAY GRUB ANT & PEST CONTROLLER**

Chemical Name	Chlorpyrifos
Chemical Class	Organophosphate
Hazchem Code	n/a
UN No	n/a
Dangerous Goods Code	n/a
Sub.Risk Class	No Subsidiary Risk
Packaging Group	n/a
EPG	n/a
Poison Schedule	S5

### Physical Appearance and Properties.

Appearance and Odour	Clear pale yellow liquid with mercapton odour.
Boiling Point	140 degrees C
Vapour Pressure	2.7m Pa @ 25 degrees C
Volatile Component	53%
Flash point	66 degrees C
Specific Gravity	1.075 @ 20 degrees C
Molecular Weight	350.6 (Chlorpyrifos)

Ingredients	CAS No.	%
Chlorpyrifos	2921-88-2	5%
Hydrocarbon Solvent	64742-94-5	87%
General Surfactants	not hazardous to	100%

## 11 HEALTH HAZARD DATA

### Health effects.

**Swallowed:** Moderately toxic by oral route. Poisonous if swallowed . Acute oral L (technical) for the rat 134-163 mg/Kg; for guinea pigs 504 mg/kg; for rabbits 1,000mg/kg -2,000 mg/kg

**Eye** Will damage eyes.

**Skin** Will irritate the nose and skin. Slightly toxic by dermal route. May be harmful if absorbed. Acute Percutaneous LD50 (technical) for rabbits >2,000mg/kg.

**Inhalation** Will irritate the nose and throat if inhaled. Do not inhale vapour or spray mist.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre  
(Telephone 131126)

### SWALLOWED

Give plenty of water to drink. Give one atropine tablet every 5 minutes until Dryness of the mouth occurs. Seek Medical assistance quickly.

### EYE

Immediately irrigate with copious quantities of water for at least 15 minutes. Seek medical assistance.

### SKIN

Remove contaminated clothing. Wash affected areas with plenty of soap and Water. Seek medical assistance.

### INHALATION

Remove victim to fresh air.

### ADVISE TO DOCTOR

This product in a organophosphate, which is an anticholinesterase agent Atropine and 2-PAM may be administered.

### 111 PRECAUTIONS FOR USE

Exposure standards

TVL (As chlorpyrifos) 0.2mg/M3 (AGHH)

**Engineering controls**

**DO NOT USE IN CONFINED PLACES WHERE VENTILATION IS POOR.**

### Personal protection

Product is harmful if swallowed. Repeated exposure may have cumulative poisoning effect. Obtain an emergency supply of atropine tablets 0.6mg. Will damage the eyes. Will irritate the nose throat and skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container and preparing the spray , wear cotton overalls buttoned to the neck and wrist ,or equivalent clothing. If product gets on skin, immediately wash area with soap and water.

#### **IV SAFE HANDLING INFORMATION**

Storage and transport.

Keep Out of reach of children. Wear long sleeved overalls and gloves while handling. After handling and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. Store in close original, container in a dry , well ventilated area, as cool as possible , out of direct sunlight. Store in locked room or place away from children, animals' food foodstuffs, seed and fertilisers. Avoid contact with the skin, eyes and clothing and inhalation of the product.

#### **SPILLS AND DISPOSALS**

Dealing with spills and disposals may result in the potential for increased personal exposure. During such operations it is recommended that the following protective clothing be worn. Cotton overalls buttoned to the neck and wrist. Elbow length PVC gloves.

Avoid contact with the eyes, skin and clothing or inhalation of the product. CONTAIN SPILLS and absorb with earth, sand sawdust, clay or sweeping material or absorbent materials and store in sealed drums for safe disposal in an approved landfill, or bury under at least 500mm of soil in a non-crop, non- pasture area away from water sources and homes. DO NOT burn empty containers or product.

#### **WASTE DISPOSAL METHODS**

Triple pressure rinse containers before disposal. Break , crush or puncture and bury the empty containers in the local authority landfill. If not available , bury the containers under 500mm in a disposal pit specifically set up for this purpose clear of waterways, vegetation and roots. Fire/Explosion Hazard.

Extinguish fire using Foam or Dry Agent. Full protective gear , including self contained breathing apparatus (SA 1716) must be worn .

#### **V OTHER INFORMATION**

**IN CASE OF EMERGENCY      DIAL 000**

**If ineffective:                      Phone Poisons information centre    (131126)**

**Superway Garden Products Pty Ltd Head Office:**

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