



<b>1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY</b>				
Safety Data Sheet for:		<b>KIL-ANT ANT KILLER POWDER</b>		
Synonyms:				
Common name of active ingredient: Bendiocarb				
Intended Use: For use only as a Home Kitchen, Larder and Garden Insecticide				
Dilution: Ready to use, dust onto desired area.				
For further information contact: The Scotts Company (UK) Limited, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey GU7 1XE. Telephone: (01483) 410210.				
24hr Emergency Line Tel: 01865 407333				
Date of Introduction: September 1998				
Date of Withdrawal: N/A				
Date of Change: N/A				
<b>2. COMPOSITION INFORMATION ON INGREDIENTS (Directive 91/155/EC)</b>				
Spec. No: 006073				
<b>Ingredient(s)</b>	<b>Composition</b>	<b>CAS No</b>	<b>Symbol</b>	<b>R phrases</b>
Bendiocarb	0.5%w/w	022781-23-3	T	R25/21
Hydrated magnesium silica )				
Hydrated magnesium aluminium silicate )	to 100%w/w	Not assigned	None	None
<b>3. HAZARDS IDENTIFICATION</b>				
<b>Classification:</b>	None		<b>Symbol(s):</b> Not required	
<b>Ingestion:</b>	Systemic toxicity is unlikely unless quantities of 50g of product are ingested.			
<b>Eye contact:</b>	Mild irritant			
<b>Skin contact:</b>	Non-irritant. Skin absorption may occur, but insufficient quantities of product to produce systemic toxicity will enter by this route.			
<b>Inhalation:</b>	No local effect, it is unlikely to present significant risk in the context of producing systemic toxicity.			
<b>PRECAUTIONS (from the label):</b> DO NOT BREATHE DUST. DANGEROUS TO FISH AND OTHER AQUATIC LIFE. REMOVE OR COVER FISH TANKS AND BOWLS before application. DO NOT CONTAMINATE watercourses or ground. KEEP OFF SKIN. WASH HANDS AFTER USE.				
<b>4. FIRST-AID MEASURES</b>				
<b>Ingestion:</b>	Wash out mouth with water. Refer to hospital if amount swallowed exceeds 20g of product.			
<b>Eye contact:</b>	Irrigate with water for 15 minutes and obtain medical advice.			
<b>Skin contact:</b>	Wash off with soap and water.			
<b>Inhalation:</b>	Remove patient to fresh air and obtain medical advice.			
<b>5. FIRE-FIGHTING MEASURES</b>				
Decomposes to liberate lachrymatory methyl isocyanate at temperatures above 125°C. Extinguish using water, foam, dry powder or CO <sub>2</sub> . Self contained breathing apparatus should be worn when dealing with a decomposition.				

<b>6. ACCIDENTAL RELEASE MEASURES</b>			
Spillage of Bulk Material: Wearing protective clothing detailed in section 8, accidental spillage. Avoid contact with the skin and eyes. Avoid breathing dust. Collect up into a labelled container for disposal. Inform water authority if waterways etc. are contaminated (see section 13).			
<b>7. HANDLING AND STORAGE</b>			
Storage Instructions: Store in original container, tightly closed in a safe place away from children and pets. Store undercover, away from food, feeding stuffs, water supplies and in a separate stack from fertilisers. Store way from sources of heat including direct sunlight.			
<b>Shelf life:</b>	At least 2 years		
<b>Product packaging:</b>	150 to 300g HDPE cylindrical polythene bottles with child resistant closures.		
<b>Special precautions:</b>	None		
<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>			
<b>For normal use:</b> None required-gloves may be worn for personal hygiene if desired, (from the label): DO NOT BREATHE DUST. KEEP OFF SKIN. WASH HANDS AFTER USE.			
<b>In case of accidental spillage or handling of bulk product:</b> To prevent exposure of personnel, engineering controls must be used as far as possible. Whenever handling the concentrate the following protective clothing must be worn: Coverall, faceshield (BS 2092 G1), nitrile gloves, rubber boots and dust respirator providing a minimum of 10 which has a HSE type approval.			
<b>Occupational Exposure Standard(s) EH40/98:</b> WHO recommended limits for bendiocarb inhalation: 8hr 0.2 mg/m <sup>3</sup> ; 10 min: 0.6 mg/m <sup>3</sup> . OES for MgO as Mg: Total inhalable dust: 10 mg/m <sup>3</sup> LTEL (8hr TWA); Fume and respirable dust: 4mg/m <sup>3</sup> LTEL (8hr TWA)			
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>			
<b>Physical nature:</b>	Dustable powder	<b>Flash point:</b>	Not applicable
<b>Appearance / Odour:</b>	Fine off-white powder	<b>Flammability:</b>	Non-flammable
<b>Water solubility:</b>	Not easily wetted or dispersed	<b>Decomposition temperature:</b>	Not known
<b>Lipid solubility:</b>	Not known	<b>Hazardous polymerization:</b>	None known
<b>Bulk Density:</b>	approx 600g/l	<b>Explosion limits:</b>	Not known
<b>Boiling point:</b>	Not applicable	<b>pH:</b>	Not applicable
<b>Oxidising properties:</b>	None known	<b>Other:</b>	None
<b>10. STABILITY AND REACTIVITY</b>			
<b>Stability (normal conditions):</b>	Stable		
<b>Conditions to avoid:</b>	Strong heating		
<b>Incompatible with:</b>	None known		
<b>Hazardous decomposition products:</b>	Methyl isocyanate on heating		
<b>11. TOXICOLOGICAL INFORMATION</b>		<b>Eyes:</b> Mild irritant	
<b>Bendiocarb:</b>		<b>Other:</b> Systemic toxicity is unlikely unless quantities of 50g of product are ingested.	
<b>Acute Oral LD<sub>50</sub>:</b> 40-156 mg/kg rat		<b>Skin :</b> Non-irritant; skin absorption may occur, but insufficient quantities of product to produce systemic toxicity will enter by this route.	
<b>Acute Dermal LD<sub>50</sub>:</b> 566-800 mg/kg rat			
<b>Inhalation:</b> LC <sub>50</sub> : (4h) 0.55 mg/l air inhalation.			
<b>References:</b> The Pesticide Manual 11th Edition.			
<b>12. ECOLOGICAL INFORMATION</b>			
<b>Permethrin:</b>			
<b>Daphnia: LC<sub>50</sub> (24h):</b>	0.33 mg/l		
<b>Fish: LC<sub>50</sub> (96h):</b>	Sheepshead Minnow 0.86; bluegill sunfish 1.65; rainbow trout; 1.55 mg/l.		
<b>Birds: Oral LD<sub>50</sub> :</b>	Mallard duck 3.1; bobwhite quail 19; domestic hen; 137 mg/kg.		
<b>Other:</b>	None		
<b>Precautions (from the label):</b> DANGEROUS TO FISH AND OTHER AQUATIC LIFE. REMOVE OR COVER FISH TANKS AND BOWLS before application. DO NOT CONTAMINATE watercourses or ground.			
<b>References:</b> The Pesticide Manual 11th Edition.			



**13. DISPOSAL CONSIDERATIONS:**

**User:** Place empty container in the domestic refuse (from the label): THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

**Surplus Bulk Product / Spillage:** Via local authority or authorised waste disposal contractor.

**14. TRANSPORT INFORMATION:**

Not classified for transport.

**15. REGULATORY INFORMATION:**

**Classification:** Not classified

**Symbol(s):** Not required

**Current Registration Number:** UK

Eire

HSE 6522

N01301

**Previous Registration Number(s):** None

**This product is classified under the Control of Pesticide Regulations 1986.**

**Precautions (from the label):** DO NOT BREATHE DUST. DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES. COVER WATER STORAGE TANKS before application. THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way. DANGEROUS TO FISH AND OTHER AQUATIC LIFE. REMOVE OR COVER FISH TANKS AND BOWLS before application. DO NOT CONTAMINATE watercourses or ground. KEEP OFF SKIN. WASH HANDS AFTER USE. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

**16. OTHER INFORMATION**

For further advice authorized persons (Doctor/Veterinary Surgeon) may contact the National Poisons Information Service Centre:

Belfast: 01232 240503  
Birmingham: 0121 507 558 or 0121 507 5589  
Cardiff: 01222 709901  
Dublin: 00 3531 8379964 or 00 3531 8379966  
Edinburgh: 0131 5362300 or 0131 5361000  
Leeds: 01132 430715 or 01132 923547  
London: 0171 635 9191  
Newcastle: 0191 232 5131

**Reference number:** SDS No:001

**Version:** 1

**Date of Sheet:** 10 November 1998

The appearance of a 'REVISION' stamp in any of the boxes indicates a change in the information to the previous issue.

The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.