

Safety Data Sheet

NOTE: Access to a copy of this Safety Data Sheet (SDS) via our Website does not constitute the issue of a controlled Copy under EU legislation. To be issued with such a copy please contact Rentokil Initial at the address below by telephone, fax or in writing. In order to confirm the latest version of the SDS for this product see web: www.ri-research.com and click on Technical Information / Product Safety.

REVISION (see box 16)

Issue : 02 11 : 09 : 2007

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY		
Product Name	ANT KILLER GEL	HSE 7795
Description	An amber coloured, insecticidal gel with a sweet smelling odour, contained within a plastic bait station. For amateur use against ants indoors in domestic premises.	
Company	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: 0151 548 5050 Emergency line: 01342 833022 E-mail: eurotech.techinfo@rentokil-initial.com	

2 HAZARD IDENTIFICATION		
Classification (Supply – Use) : In compliance with EC Directive 1999/45.		
N Dangerous for the Environment	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):		
None expected under normal conditions of handling and use.		

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)		
% w/w	Common*/Chemical Name, ELINCS/EINECS & CAS No. of Ingredients	EC 1999/45 Classification
0.093	d-Phenothrin* / (3-phenoxyphenyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate EINECS : 247-404-5 CAS : 26002-80-2	N : R50,53
> 0.1 ≤1.0	Monopropylene glycol* / propane-1,2-diol EINECS : 200-338-0 CAS : 57-55-6	Not classified. Substance with a Community Workplace Exposure Limit (refer to box 8).

ANT KILLER GEL

4 FIRST-AID MEASURES (SEE ALSO "ADVERSE EFFECTS" IN BOX 2)	
Inhalation	This route of exposure is not anticipated.
Eye Contact	Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention.
Skin Contact	Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
Ingestion (Swallowing)	Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to ½ litre or 1 pint of water to drink. Seek medical attention.
Emergency Equipment Suggested	Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice "First-aid at Work".
Note To Doctor	Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK.

5 FIRE FIGHTING MEASURES	
Fire Extinguisher Type	Use carbon dioxide, foam, water, or dry powder extinguishers.
Special Fire-Fighting Procedures	Wear suitable personal protective equipment.
Special Exposure Hazards	None.

6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions (See also box 8)	Wear suitable personal protective equipment.
Environmental Precautions	This product is classified as dangerous for the environment. Keep away from drains, surface and ground water, and soil.
Clean-up Procedure (See also box 13)	Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal.

7 HANDLING AND STORAGE (SEE ALSO BOX 8)	
Handling	Wash hands and exposed skin before meals and after use.
Storage	Store in original container in a cool, dry, ventilated place out of the reach of children and away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Exposure Standard - Directive EC/98/24 (1st IOELV Directive)	Workplace Exposure Limit (WEL) for monopropylene glycol is 474 mg/m ³ long-term exposure (8 hour Time Weighted Average) and for particulates is 10 mg/m ³ long-term exposure (8 hour Time Weighted Average).
Engineering Controls	Monopropylene glycol is referred to as propane-1,2-diol in Directive EC/98/24 (1 st IOELV Directive). Where exposure may occur, engineering controls, rather than the provision of Personal Protective Equipment (PPE) should be employed. On completion of a risk assessment, the following PPE may be required:
Eye Protection	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
Hand Protection	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
Skin Protection	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
Breathing Protection	Label advice indicates none necessary under normal handling and use. However, consider other precautionary requirements.
Environmental Exposure Controls	Use only in accordance with instructions given.

9 PHYSICAL AND CHEMICAL PROPERTIES			
Appearance and Odour	An amber coloured, insecticidal gel with a sweet odour, contained within a plastic bait station		
pH	6.5 @ 20°C	Solubility in Water	Soluble.
Density	1.3 g/cm ³ at 20°C	Solubility in Other Solvents	Insoluble.
Flash Point	Not applicable.	Explosive Properties	Not determined.
Flammability	Non-flammable.	Combustibility	Not determined.
Boiling Point/Range	Not applicable.	Oxidising Properties	Not determined.
Vapour Density	Not applicable.	Evaporation Rate	Not applicable.
Vapour Pressure	Not applicable.	Partition Coefficient	Not applicable.
Viscosity	Not applicable.	Other Data	None known.

ANT KILLER GEL

10 STABILITY AND REACTIVITY

Conditions to avoid	Avoid extremes of temperature, e.g. below 0°C and above 40°C.
Materials to avoid	None.
Hazardous Breakdown Products	None.

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

Acute Toxicity	Oral Inhalation Dermal	For d-phenothrin: LD ₅₀ (rat): > 5000 mg/kg For d-phenothrin: LC ₅₀ (rat): > 2.1 mg/L For d-phenothrin: LD ₅₀ (rat): > 5000 mg/kg
Corrosivity/Irritation	Skin Eyes Respiratory tract	Prolonged contact may cause redness and irritation. May cause temporary eye irritation. May cause discomfort if swallowed.
Sensitisation	Skin Respiratory	Contains no known skin sensitisers. Contains no known respiratory sensitisers.
Repeat-Dose Toxicity		Product does not contain any components known to have any effects relating to repeated-dose toxicity.
Mutagenicity		Product does not contain any components known to have a mutagenic effect.
Carcinogenicity		Product does not contain any components known to have a carcinogenic effect.
Reproductive Toxicity	Fertility Development	Product does not contain any components known to have effects on fertility. Product does not contain any components known to be toxic to the reproductive system.
Other Information		None known.


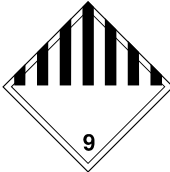
12 ECOLOGICAL INFORMATION

General Information	This product is classified as toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. However, when used in accordance with instructions given, controlled release of this product is not expected to cause environmental contamination.
Ecotoxicity Data	For d-phenothrin: Fish (Trout) LC ₅₀ (96h): 2.7 µ/L Daphnia EC ₅₀ (48h): 4.3 µ/L
Mobility	For d-phenothrin: Readily absorbed into soil.
Persistence and Degradability	For d-phenothrin: Not readily degradable. Log Pow: 6.76 @ 25 °C
Bioaccumulative Potential	For d-phenothrin: Bioaccumulation potential.
Other Adverse Effects	None known.

13 DISPOSAL CONSIDERATIONS

Disposal of Waste / Containers	This product is dangerous for the environment. Do not discharge waste washings or waste product to sewers, drains or watercourses. This product is for amateur use only and can therefore be disposed of as normal household waste. However, if used in a place of work, ensure this product is disposed of as controlled waste, in accordance with the appropriate regulations.
Classification (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC)	Hazard Code: Not classified. Components making the waste hazardous Concentrations (%): Not required.
Note for Disposal	For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: +44 (0) 870 850 6506.

ANT KILLER GEL

14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)				
UN No.	UN3082	Tremcard Reference No.	CEFIC TEC (R)- 90GM6-III	RIS Code
Transport Category	3	UK Hazchem EAC	2X	FA 105
ADR 2007 (International Road)	Class 9 ADR HIN 90			Labels
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains d-phenothrin).			
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg.			
Special Requirements	Not required. Packing Group III			
IMDG 2006 (Sea)	Class Not required. IMDG EMS F-A, S-F			
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (contains d-phenothrin).			
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg.			
Special Requirements	Not required. Packing Group III			
Note for Transport	Local, State or National requirements may apply to the carriage of this product.			

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))	
Safety Phrases	S35: This material and its container must be disposed of in a safe way.
Additional Label Phrases	To avoid risks to man and the environment, comply with the instructions for use.
Legislation	<p>Labelling is in accordance with UK regulations implementing the EC Directive 1999/45.</p> <p>Additional labelling requirements may be necessary in accordance with other National legislation. Outside the UK, the registration of this product may be necessary before use and any additional local requirements must be observed at all times.</p> <p>The information given on this Safety Data Sheet (SDS) does not constitute an assessment in accordance with Control of Substances Hazardous to Health (COSHH) Regulations 2002, in the UK. Other National measures or guidance should be followed where appropriate.</p>

16 Other Information and indication of revisions	
Packaging Information	2 white, plastic bait boxes containing 5g of bait, supplied in an outer cardboard box.
Revisions	Changes have been made to the content of boxes 01, 02, 03, 04, 06, 08, 11, 12, 13, 14, 15, & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 01.
Risk phrase text (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	R50,53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

ANT KILLER GEL

SDS No. 849

Issue : 02

11 : 09 : 2007

Page 4 of 4

Before using any product, ensure that you read and understand its label.

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.

Copyright © (2007) Rentokil Initial plc, European Technical Centre, Felcourt, East Grinstead, West Sussex. RH19 2JY. United Kingdom.

Telephone: +44 (0) 1293 858000 Fax: +44 (0) 1342 836180 Web: www.ri-research.com