

Safety Data Sheet

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
Product Name	MOTH KILLER HANGING UNIT
Description	A fabric pad impregnated with an odourless insecticide. For amateur use indoors against cloth damaging moths, larvae and eggs, in domestic premises. Apply in contained areas such as cupboards and wardrobes where clothes are stored.
Company	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: 0151 548 5050 Emergency line: 01342 833022 E-mail: techinfo@rentokil-initial.com

2 HAZARD IDENTIFICATION	
Classification (Supply – Use): In compliance with EC Directive 1999/45.	
Dangerous for the environment	R52, 53 Harmful 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
2.18	Transfluthrin* / 2,3,5,6-tetrafluorobenzyl (1R,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate EINECS : 405-060-5 CAS : 118712-89-3	X _i : R38 N : R50,53
>10.0 ≤25.0	Distillates (rowoil), partly hydrated, light EINECS : 265-149-8 CAS : 64742-47-8	X _n : R65 X _n : R66

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4 FIRST-AID MEASURES (SEE ALSO “ADVERSE EFFECTS” IN BOX 2)	
Inhalation	Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
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-fog or dry powder extinguishers.
Special Fire-Fighting Procedures	Wear suitable personal protective equipment.
Special Exposure Hazards	None known.

6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions (See also box 8)	Wear suitable personal protective equipment.
Environmental Precautions	Keep away from drains, surface and ground water, and soil.
Clean-up Procedure (See also box 13)	Collect up spilt material and transfer to a suitable container for re-use or subsequent disposal.

7 HANDLING AND STORAGE (SEE ALSO BOX 8)	
Handling	Wash hands thoroughly with soap and water after handling. Avoid contact with skin and eyes.
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)	Not assigned.
Engineering Controls	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	A fabric pad impregnated with an odourless insecticide.		
pH	Not applicable.	Solubility in Water	Insoluble.
Density	Not determined.	Solubility in Other Solvents	Not determined.
Flash Point	Not applicable.	Explosive Properties	Not determined.
Flammability	Not determined.	Combustibility	Non-combustible.
Boiling Point/Range	Not applicable.	Oxidising Properties	Not determined.
Vapour Density	Not applicable.	Evaporation Rate	Not determined.
Vapour Pressure	Not applicable.	Partition Coefficient	Not applicable.
Viscosity	Not applicable.	Other Data	None known.

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10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

Acute Toxicity	Oral	For transfluthrin: LD ₅₀ (rat): >5 mg/kg
	Inhalation	For transfluthrin: LC ₅₀ (rat) (4hr): >0.513 mg/L as an aerosol – highest attainable concentration.
	Dermal	For transfluthrin: LD ₅₀ (rat): >5 mg/kg
Corrosivity/Irritation	Skin	Not expected to be irritating to skin.
	Eyes	Not expected to be irritating to eyes.
	Respiratory tract	Not determined.
Sensitisation	Skin	Contains no known skin sensitisers.
	Respiratory	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	Product does not contain any components known to have effects on fertility.
	Development	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 harmful 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 transfluthrin: LD ₅₀ : (<i>Oncorhynchus mykiss</i>) (96h): 0.0007 mg/L EC ₅₀ : (<i>Daphnia magna</i>) (48h): 0.0017 mg/L IC ₅₀ : (<i>Desmodesmus subspicatus</i>) (72h): >0.1 mg/L
Mobility	Not determined.
Persistence and Degradability	Not determined.
Bioaccumulative Potential	Not determined.
Other Adverse Effects	None known.

13 DISPOSAL CONSIDERATIONS

Disposal of Waste / Containers	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 hazardous waste, in accordance with the appropriate regulations.				
Classification (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	<u>Hazard Code</u> : H14 – Ecotoxic				
Note for Disposal	<table><tr><td><u>Components making the waste hazardous</u></td><td><u>Concentrations (%)</u>:</td></tr><tr><td>Transfluthrin</td><td>2.18</td></tr></table>	<u>Components making the waste hazardous</u>	<u>Concentrations (%)</u> :	Transfluthrin	2.18
<u>Components making the waste hazardous</u>	<u>Concentrations (%)</u> :				
Transfluthrin	2.18				
	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.				

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14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)				
UN No.	Not classified.	Tremcard Reference No.	Not required.	RIS Code
Transport Category	Not required.	UK Hazchem EAC	Not required.	NOT APPLICABLE.
ADR 2007 (International Road) Proper Shipping Name	Class Not required.	ADR HIN	Not required.	Labels Not required.
Limited Quantity Exemptions	Not required.			
Special Requirements	Not required.	Packing Group	Not required.	
IMDG 2006 (Sea) Proper Shipping Name	Class Not required.	IMDG EMS	Not required.	
Limited Quantity Exemptions	Not required.			
Special Requirements	Not required.	Packing Group	Not required.	
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	S2 : Keep out of the reach of children. S13 : Keep away from food, drink and animal feeding stuffs. 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	Labelling is in accordance with UK regulations implementing the EC Directive 1999/45. 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. 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.

16 Other Information and indication of revisions	
Packaging Information	2 plastic units each containing a fabric pad impregnated with insecticide in a cardboard outer.
Revisions	Not applicable.
Risk phrase text (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	R38 : Irritating to skin. R65 : Harmful: may cause lung damage if swallowed. R66 : Repeated exposure may cause skin dryness or cracking. R50,53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

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