

Safety Data Sheet

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REVISION (see box 16)

Issue : 08 09 : 06 : 2009

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
Product Name	WOODWORM TREATMENT HSE 3911 PCS 93092
Description	An insecticidal wood preservative for amateur and professional use to prevent the re-infestation of common wood-destroying insects such as Common furniture beetle / Woodworm, Death watch beetle, House longhorn beetle and Powder post beetles. The product is a clear liquid with a kerosene solvent-type odour. For application by brush, spray, immersion or injection.
Company	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: +44 (0)151 548 5050 Emergency line: +44 (0)1293 858 000 E-mail: sds@rentokil.com

2 HAZARD IDENTIFICATION	
Classification (Supply – Use) : In compliance with EC Directive 1999/45.	
X_n HARMFUL	R65 Harmful: may cause lung damage if swallowed.
N DANGEROUS FOR THE ENVIRONMENT	R50/53 Very 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):	
The solvent can form flammable mixtures with air. Keep away from sources of ignition when using and storing. Ingestion may result in gastrointestinal irritation, central nervous system depression, nausea, diarrhoea, drowsiness, and loss of consciousness. Inhalation may result in irritation of the nose, throat and respiratory system. Inhalation of the vapour whilst vomiting or swallowing may cause lung damage. Adverse effects on the environment are unlikely, provided that the product is used as intended.	

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)		
% w/w	Common*/Chemical Name, Elincs/Einecs & CAS No. of Ingredients	EC 1999/45 Classification
0.25	Permethrin* / 3-phenoxybenzyl (1RS, 3RS ; 1RS, 3RS)-3-(2,2-dichlorovinyl)-2,2-dimethyl cyclopropane carboxylate EINECS : 258-067-9 CAS : 52645-53-1	X _n : R20/22 X _i : R43 N : R50,53
> 50 ≤ 100	Odourless kerosene* / distillates (petroleum), hydrotreated light; kerosene unspecified EINECS : 265-149-8 CAS : 64742-47-8	X _n : R65

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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 and dry chemical extinguishers. Do not use water-jets, to prevent the burning solvent spreading on top of the water.
Special Fire-Fighting Procedures	Wear suitable personal protective equipment.
Special Exposure Hazards	Oxides of carbon may be formed in a fire.



6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions (See also box 8)	Wear suitable personal protective equipment. Remove all sources of ignition. Ensure area is well ventilated.
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)	Evacuate personnel from the spillage area. Contain and 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	Avoid working in spray mist. When using do not eat, drink or smoke. Unprotected persons and animals should be kept away from treated areas for 48 hours or until surfaces are dry.
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. Keep away from sources of ignition and strong oxidising agents and acids.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Exposure Standard - Directive EC/98/24 (1st IOELV Directive)	None.
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 clear liquid with a kerosene-type odour.		
pH	Not applicable.	Solubility in Water	Immiscible.
Specific Gravity	0.8 at 20°C	Solubility in Fat	Miscible.
Flash Point	70°C	Explosive Properties	LEL: 0.6% ; UEL: 7.0% (Odourless kerosene)
Flammability	Non-flammable.	Combustibility	Combustible.
Boiling Point/Range	Not determined.	Oxidising Properties	Not determined.
Vapour Density	Approximately > 1 (Odourless kerosene)	Evaporation Rate	Not determined.
Vapour Pressure	Ca. 0.35 kPa at 20°C (Odourless kerosene)	Partition Coefficient	Not applicable.
Viscosity	Ca. 1.7 x 10 ⁶ m ² /sec at 40°C (Odourless kerosene).	Other Data	None known.

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14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)			
UN No.	UN3082		RIS Code
Transport Category	3	UK Hazchem EAC	•3Z SEE NOTE FOR TRANSPORT.
ADR 2009 (International Road) Proper Shipping Name	Class 9 ADR HIN 90		Labels
Limited Quantity Exemptions	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains permethrin) Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg. Combination packs only.		Up to 5 litres: 
Special Requirements	Not required. Packing Group III		
IMDG 2008 (Sea) Proper Shipping Name	Class 9 IMDG EMS F-A, S-F		Over 5 litres: 
Limited Quantity Exemptions	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains permethrin) Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg. Combination packs only.		
Special Requirements	Not required. Packing Group III		
Note for Transport	Local, State or National requirements may apply to the carriage of this product. PSW26: 6 x 500mL ; PSW76: 1 x 25 litre ; PSW91: 6 x 125mL ; PSW92: 6 x 250mL		

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))	
Safety Phrases	S2 Keep out of the reach of children. (amateur use only) S13 Keep away from food, drink and animal feeding stuffs. (amateur use only) S23 Do not breathe fumes, vapour or spray. S29 Do not empty into drains. (amateur use only) S35 This material and its container must be disposed of in a safe way. (professional use only) S51 Use only in well-ventilated areas. S61 Avoid release to the environment. Refer to special instructions / safety data sheet. (professional use only) S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Additional Label Phrases	Contains permethrin. May produce an allergic reaction. 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 sought where appropriate.

16 Other Information and indication of revisions	
Packaging Information	6 x 125 mL tin can with a nozzle. Sold singly. 6 x 250 mL tin can with a nozzle. Sold singly. 6 x 500 mL tin can with a child resistance screw top. Sold singly. 25 litre steel drum with a 2 inch screw top closure, UN certified.
Revisions	Changes have been made to the content of boxes 01, 14 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 07.
Risk phrase text (from box 3) (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	R20/22 : Harmful by inhalation and if swallowed. R43 : May cause sensitisation by skin contact. R50,53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65 : Harmful: may cause lung damage if swallowed.

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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.

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