

Safety Data Sheet

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REVISION (see box 16)

Issue : 04 24 : 03 : 2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name	RID Insect Powder
Description	An insecticide for professional use. Product is a white, odourless powder.
Company	Rentokil Initial Supplies, Webber Road, Knowsley Industrial Park, Liverpool, L33 7SR. For general enquiries telephone: +44 (0) 151 548 5050. For safety or regulatory enquiries telephone: + 44 (0) 1342 833 022.

2 HAZARD IDENTIFICATION**Classification (Supply – Use): In compliance with EC Directive 1999/45.****Not classified****Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):**

None expected under normal conditions of handling and use.

Prolonged contact with the product may have a drying effect on the skin and mucous membranes. Contact with eyes may cause discomfort and mild irritation due to the action of the powder. Inhalation has little adverse effect if kept under reasonable control but may aggravate existing medical conditions.

No other significant adverse effects expected under normal conditions of handling and use.

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)

% w/w	Common*/Chemical Name, Eilincs/Einecs & CAS No. of Ingredients	EC 1999/45 Classification
50	Amorphous silicon dioxide EINECS : 231-545-4 CAS : 112926-00-8	Not classified.

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 Note To Doctor	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". 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	Product will not support combustion.
Special Fire-Fighting Procedures	Wear self-contained breathing apparatus and 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	Keep away from drains, surface and ground water, and soil.
Clean-up Procedure (See also box 13)	Gather up spilt material being careful not to create dust clouds and transfer to a suitable container for subsequent disposal.

7 HANDLING AND STORAGE (SEE ALSO BOX 8)	
Handling Storage	No specific handling requirements. 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 amorphous silicon dioxide is 6 mg/m ³ long-term exposure (8 hour Time Weighted Average) and 2.4 mg/m ³ short-term exposure (15 minute reference period). Amorphous silicon dioxide is referred to as silica, amorphous in Directive EC/98/24 (1 st IOELV Directive).
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	None necessary during normal handling and use.
Hand Protection	Suitable hand protection such as rubber/PVC gloves.
Skin Protection	Suitable skin protection such as coveralls.
Breathing Protection	None necessary during normal handling and use.
Environmental Exposure Controls	Use only in accordance with instructions given. An ecological hazard assessment indicates no specific restrictions on environmental release.

9 PHYSICAL AND CHEMICAL PROPERTIES			
Appearance and Odour	A white, odourless powder.		
pH	7.7 (1% solution) at 20°C	Solubility in Water	Slightly soluble.
Tap Density	0.2 g/mL at 20°C	Solubility in Other Solvents	Insoluble.
Flash Point	Not applicable.	Explosive Properties	None.
Flammability	Non-flammable.	Combustibility	Non-combustible.
Boiling Point/Range	Not determined.	Oxidising Properties	None.
Vapour Density	Not applicable.	Evaporation Rate	Not applicable.
Vapour Pressure	Not applicable.	Partition Coefficient	Not applicable.
Viscosity	Not applicable.	Other Data	Melting Point/Range: Not determined.

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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.
Hazardous Breakdown Products	None.

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

Acute Toxicity	Oral	The lethal dose for humans is estimated at over 15000 mg/kg. Synthetic amorphous silica is a food additive in the UK, USA and many other countries. It has been fully evaluated by the UN Codex Alimentarius Commission and given clearance as a food additive.
	Inhalation	Little adverse effect on lungs. Does not produce significant disease or toxic effect when exposure is kept under reasonable control. However, existing medical conditions (e.g. asthma, bronchitis) may be aggravated by exposure to dust. Effects may be greater, and occur at lower levels of exposure in smokers compared to non-smokers.
	Dermal	Not determined.
Corrosivity/Irritation	Skin	Prolonged contact may have a drying effect on skin and mucous membranes.
	Eyes	May cause discomfort and mild irritation.
	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 does not contain any substances that are classified as dangerous to the environment. Controlled release of this product is not expected to cause environmental contamination. Use only in accordance with instructions given.
Ecotoxicity Data	Not determined.
Mobility	Not determined.
Persistence and Degradability	Amorphous silicon dioxide is virtually inert and has no known effect on the environment.
Bioaccumulative Potential	Not determined.
Other Adverse Effects	None.

13 DISPOSAL CONSIDERATIONS

Disposal of Waste / Containers	Under normal circumstances, waste / empty containers will be disposed of by Rentokil Initial.
Classification (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC)	<u>Hazard Code</u> : Not classified. <u>Components making the waste hazardous</u> <u>Concentrations (%)</u> : 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.

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.	PSR83 PSR84
ADR 2005 (International Road)	Class Not required.	ADR HIN	Not required.	Labels
Proper Shipping Name	Not required.			Not required.
Limited Quantity Exemptions	Not required.			
Special Requirements	Not required.	Packing Group	Not required.	
IMDG 2004 (Sea)	Class Not required.	IMDG EMS	Not required.	
Proper Shipping Name	Not required.			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	Safety phrases are not required.
Additional Label Phrases	Safety data sheet available for professional user on request.
Legislation	To avoid risks to man and the environment, comply with instructions for use.
	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	A white, high-density polyethylene bottle with a screw top.
Revisions	Changes have been made to the content of boxes 01, 02, 03, 06, 07, 08, 09, 11, 12, 13, 14, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 03.
Risk phrase text (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	Risk phrases are not required.

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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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