

## Products

# Safety Data Sheet

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**REVISION (see box 16)**

Issue : 05 07 : 11 : 2005

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
<b>Product Name</b>	<b>CLASSIC WAX POLISH</b>
<b>Description</b>	Product is an insecticidal wax polish for amateur use, light-brown with a solvent odour.
<b>Company</b>	Rentokil Initial Supplies, Head office: Felcourt, East Grinstead, West Sussex. RH19 2JY. United Kingdom. Telephone: +44 (0)1342 833022 Facsimile: +44 (0)1342 326229

2 HAZARD IDENTIFICATION	
<b>Classification (Supply – Use) : In compliance with EC Directive 1999/45.</b>	
<b>X<sub>n</sub> Harmful</b>	R66 Repeated exposure may cause skin dryness or cracking.
<b>N Dangerous for the Environment</b>	R50,53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R10 Flammable.
<b>Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):</b>	
Product is flammable. Prolonged skin contact may defat the skin and produce dermatitis. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. May ultimately cause unconsciousness.	

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)		
% w/w	Common*/Chemical Name, Elincs/Einecs & CAS No. of Ingredients	EC 1999/45 Classification
0.045	Permethrin* / 3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate EINECS : 258-067-9 CAS : 52645-53-1	X <sub>n</sub> : R20/22 X <sub>i</sub> : R43 N : R50,53
>50.0 ≤100.0	Naphtha (petroleum) hydrotreated heavy EINECS : 265-150-3 CAS : 64742-48-9	: R10 X <sub>n</sub> : R65 : R66
> 1.0 ≤2.5	Terpinolene* / p-mentha-1,4(8)-diene EINECS : 209-578-0 CAS : 586-62-9	: R10 X <sub>n</sub> : R65 N : R51,53
>10.0 ≤25.0	Paraffin wax* EINECS : 232-315-6 CAS : 8002-72-4	Not classified.

### CLASSIC WAX POLISH

<b>4 FIRST-AID MEASURES (SEE ALSO “ADVERSE EFFECTS” IN BOX 2)</b>	
<b>Inhalation</b>	Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
<b>Ingestion (Swallowing)</b>	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.
<b>Emergency Equipment Suggested</b>	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”.
<b>Note To Doctor</b>	Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK.

<b>5 FIRE FIGHTING MEASURES</b>	
<b>Fire Extinguisher Type</b>	Use carbon dioxide, dry chemical, foam or water-fog. DO NOT use water jets.
<b>Special Fire-Fighting Procedures</b>	Wear self-contained breathing apparatus and suitable personal protective equipment.
<b>Special Exposure Hazards</b>	Product may release flammable vapours on combustion. There is a risk of explosion if the product comes into contact with peroxides.

<b>6 ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions (See also box 8)</b>	Wear suitable personal protective equipment.
<b>Environmental Precautions</b>	This product is classified as dangerous for the environment. Keep away from drains, surface and ground water, and soil.
<b>Clean-up Procedure (See also box 13)</b>	Remove all sources of ignition. Gather up spilt material and transfer to a suitable container for subsequent disposal.

<b>7 HANDLING AND STORAGE (SEE ALSO BOX 8)</b>	
<b>Handling Storage</b>	Keep away from sources of ignition – No smoking. 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. Store away from all sources of ignition.

<b>8 EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Exposure Standard - Directive EC/98/24 (1<sup>st</sup> IOELV Directive)</b>	WEL for paraffin wax, fume is 2 mg/m <sup>3</sup> long-term exposure limit (8hr TWA) and 6 mg/m <sup>3</sup> short-term exposure limit (10 min TWA).
<b>Engineering Controls</b>	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:
<b>Eye Protection</b>	None necessary during normal handling and use.
<b>Hand Protection</b>	None necessary during normal handling and use.
<b>Skin Protection</b>	None necessary during normal handling and use.
<b>Breathing Protection</b>	None necessary during normal handling and use.
<b>Environmental Exposure Controls</b>	Use only in accordance with instructions given.

<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>			
<b>Appearance and Odour</b>	A light-brown wax with a solvent odour.		
<b>pH</b>	Not applicable.	<b>Solubility in Water</b>	Insoluble.
<b>Density</b>	0.8 g/cm <sup>3</sup> at 20°C	<b>Solubility in Fat</b>	Soluble.
<b>Flash Point</b>	40°C (closed cup)	<b>Explosive Properties</b>	May release vapours that can form flammable mixtures at or above the flash point. Explosion risk in contact with peroxides.
<b>Flammability</b>	Flammable.	<b>Combustibility</b>	Not determined.
<b>Boiling Point/Range</b>	ca 150°C	<b>Oxidising Properties</b>	None known.
<b>Vapour Density</b>	Not applicable.	<b>Evaporation Rate</b>	Not applicable.
<b>Vapour Pressure</b>	Not applicable.	<b>Partition Coefficient</b>	Not applicable.
<b>Viscosity</b>	Not determined.	<b>Other Data</b>	Melting point: ca 60°C.

## CLASSIC WAX POLISH

## 10 STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Avoid extremes of temperature, e.g. below 0°C and above 30°C.
<b>Materials to avoid</b>	Avoid contact with strong oxidising agents and peroxides.
<b>Hazardous Breakdown Products</b>	Product may release flammable vapours on combustion.

## 11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

<b>Acute Toxicity</b>	Oral	For permethrin: LD <sub>50</sub> (rat): 1479 mg/kg
	Inhalation	For permethrin: LD <sub>50</sub> (rat): 25 mg/L air (4hr)
	Dermal	For permethrin: LD <sub>50</sub> (rat): > 2000 mg/kg
<b>Corrosivity/Irritation</b>	Skin	Prolonged skin contact may defat the skin and produce dermatitis.
	Eyes	Contact will produce intense smarting and irritation.
	Respiratory tract	Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. May ultimately cause unconsciousness.
<b>Sensitisation</b>	Skin	Repeated exposure may cause skin dryness or cracking.
	Respiratory	Contains no known respiratory sensitisers.
<b>Repeat-Dose Toxicity</b>		Product does not contain any components known to have any effects relating to repeated-dose toxicity.
<b>Mutagenicity</b>		Product does not contain any components known to have a mutagenic effect.
<b>Carcinogenicity</b>		Product does not contain any components known to have a carcinogenic effect.
<b>Reproductive Toxicity</b>	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.
<b>Other Information</b>		None known.


## 12 ECOLOGICAL INFORMATION

<b>General Information</b>	This product is classified as very 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.
<b>Ecotoxicity Data</b>	For permethrin: Fish: LD <sub>50</sub> (96h): 0.0054 mg/L (Brown trout). Daphnia: LC <sub>50</sub> (24h): 0.6 µg/L ( <i>Daphnia magna</i> ) Algae: EC <sub>50</sub> (72h): 0.5 mg/L (Algae)
<b>Mobility</b>	For naphtha: Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: The product has only slight mobility in the soil and will partially evaporate.
<b>Persistence and Degradability</b>	For permethrin: > 95 % biodegradability in aqueous media; half-life is ca. 5 days.
<b>Bioaccumulative Potential</b>	For naphtha: Likely to bioaccumulate but with short retention order of a week or less.
<b>Other Adverse Effects</b>	For permethrin: Toxic to bees and sewage.

## 13 DISPOSAL CONSIDERATIONS

<b>Disposal of Waste / Containers</b>	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.								
<b>Classification</b> (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	Hazard Code: H3B – Flammable; H5 - Harmful								
<b>Note for Disposal</b>	<table><thead><tr><th>Components making the waste hazardous</th><th>Concentrations (%):</th></tr></thead><tbody><tr><td>Permethrin</td><td>0.045</td></tr><tr><td>Naphtha</td><td>&gt;50.0 ≤100.0</td></tr><tr><td>Terpinolene</td><td>&gt;1.0 ≤2.5</td></tr></tbody></table> <p>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.</p>	Components making the waste hazardous	Concentrations (%):	Permethrin	0.045	Naphtha	>50.0 ≤100.0	Terpinolene	>1.0 ≤2.5
Components making the waste hazardous	Concentrations (%):								
Permethrin	0.045								
Naphtha	>50.0 ≤100.0								
Terpinolene	>1.0 ≤2.5								

### CLASSIC WAX POLISH

14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)				
UN No.	UN1268	Tremcard Reference No.	CEFIC TEC (R)- 30G35	RIS Code
Transport Category	3	UK Hazchem EAC	3Y	PSW12
ADR 2005 (International Road)	CLASS 3	ADR HIN	30	Labels
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S. (CONTAINS NAPHTHA (PETROLEUM) HYDROTREATED HEAVY)			6 x 80 g 
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30 litres. Combination packs only.			
Special Requirements	Not required. <b>Packing Group III</b>			
IMDG 2004 (Sea)	Class 3	IMDG EMS	F-E, S-E	
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S. (CONTAINS NAPHTHA (PETROLEUM) HYDROTREATED HEAVY)			
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30 litres. Combination packs only.			
Special Requirements	Not required. <b>Packing Group III</b>			
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. S46 If swallowed, seek medical advice immediately and show this container or label.
Additional Label Phrases	To avoid risks to man and the environment, comply with instructions for use.
Legislation	Labelling is according to 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) <b>does not</b> 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 sort where appropriate.

16 Other Information and indication of revisions	
Packaging Information	80g in a circular tin with a push top lid.
Revisions	Changes have been made to the content of boxes 1, 2, 3, 4, 7, 8, 9, 12, 13, 14, 15 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 04.
Risk phrase text (From box 3 - These refer to the ingredients only. See box 11 for the product risk phrases)	R10 : Flammable. R20/22 : Harmful 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. R51,53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 : Harmful: may cause lung damage if swallowed. R66 : Repeated exposure may cause skin dryness or cracking.

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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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