



Safety Data Sheet

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REVISION (see box 16)

Issue : 05 08 : 02 : 2005

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME	DEOWICKS
DESCRIPTION	A felt pad impregnated with a perfumed fragrance. For use in Calmic Sanitizers Mark 6 and 7.
COMPANY	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

CLASSIFICATION AND DANGER SYMBOL (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.



DANGEROUS FOR THE ENVIRONMENT

ADVERSE PHYSICAL, CHEMICAL, SIGNIFICANT HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (SEE ALSO BOX 11):

Carbon monoxide may be formed during combustion.

May cause irritation to skin and eyes, especially on prolonged contact. Excessive inhalation of the vapours may cause irritation.

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
> 2.5 ≤10.0	4-Tertiary-butylcyclohexyl acetate EINECS : 250-954-9 CAS : 32210-23-4	N : R51,53
> 2.5 ≤10.0	2-Phenylethanol EINECS : 200-456-2 CAS : 60-12-8	X _i : R36
> 2.5 ≤10.0	Hexyl-2-hydroxybenzoate EINECS : 6259-76-3 CAS : 228-408-6	X _i : R38 N : R50,53
> 1.0 ≤2.5	1-(4-Isopropylcyclohexyl)ethanol EINECS : 407-640-3 CAS : 63767-86-2	X _i : R36/38 N : R51,53
> 1.0 ≤2.5	2-Methyl-3-(4-isopropylphenyl)propanal EINECS : 203-161-7 CAS : 103-95-7	X _i : R38 N : R51,53
> 1.0 ≤2.5	2-Methyl-5-phenyl-pentan-1-ol EINECS : 405-890-8 CAS : 25634-93-9	X _i : R36/38
> 1.0 ≤2.5	Citronellyl acetate EINECS : 205-775-0 CAS : 150-84-5	X _i : R38
≤1.0	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl) -2-buten-1-ol EINECS : 248-908-8 CAS : 28219-61-6	X _i : R38 N : R50,53
≤1.0	10-Undecenal EINECS : 203-973-1 CAS : 112-45-8	N : R51,53
≤1.0	3,7-Dimethyloctan-1-ol EINECS : 203-374-5 CAS : 106-21-8	X _i : R38 N : R51,53
≤1.0	3-Methyl-1-yl <i>ortho</i> hydroxy benzoate EINECS : 218-080-2 CAS : 2050-08-0	N : R51,53
≤1.0	7-Acetyl-1,1,3,4,4,6-hexamethyl-1,2,3,4-tetrahydronaphthalene EINECS : 244-240-6 CAS : 21145-77-7	X _n : R22 N : R50,53
≤1.0	Dodecanal EINECS : 203-893-6 CAS : 112-54-9	X _i : R38 N : R51,53
≤1.0	Hexahydrohexamethyl cyclopentabenzopyran EINECS : 214-946-9 CAS : 1222-05-5	N : R50,53

DEOWICKS

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, dry chemical or foam extinguishers. Do not use a water-jet.
SPECIAL FIRE-FIGHTING PROCEDURES	Wear suitable personal protective equipment.
SPECIAL EXPOSURE HAZARDS	Carbon monoxide may be formed during combustion.

6 ACCIDENTAL RELEASE MEASURES	
PERSONAL PRECAUTIONS (See also box 8)	Wear suitable personal protective equipment.
ENVIRONMENTAL PRECAUTIONS	DO NOT contaminate watercourses or ground.
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 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 prevention of exposure is not reasonably practicable, adequate control of exposure should be achieved by engineering controls rather than the provision of personal protective equipment and clothing. More specific details cannot be given without carrying out a full risk assessment for each and every use scenario. Suitable and approved personal protective equipment and clothing may include the following item(s):
EYE PROTECTION	Not indicated by product classification.
HAND PROTECTION	Suitable hand protection such as synthetic rubber / PVC gloves.
SKIN PROTECTION	Not indicated by product classification.
BREATHING PROTECTION	Not indicated by product classification.
ENVIRONMENTAL EXPOSURE CONTROLS	Product should be used in accordance with instructions given.

9 PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOUR	A felt pad impregnated with a perfumed fragrance.		
pH	Not applicable.	SOLUBILITY IN WATER	Felt pad is insoluble.
SPECIFIC GRAVITY	Fragrance: 1.0 at 20°C	SOLUBILITY IN FAT	Felt pad is insoluble.
FLASH POINT	Fragrance: 97°C (closed cup)	EXPLOSIVE PROPERTIES	None.
FLAMMABILITY	Non-flammable.	COMBUSTIBILITY	Combustible.
AUTOFLAMMABILITY	Not applicable.	OXIDISING PROPERTIES	Not determined.
BOILING POINT/RANGE	Not determined.	FREEZING POINT/RANGE	Not determined.
VAPOUR DENSITY	Not determined.	EVAPORATION RATE	Not determined.
VAPOUR PRESSURE	Not determined.	PARTITION COEFFICIENT	Not applicable.
VISCOSITY	Not determined.	OTHER DATA	None.

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Avoid extremes of temperature, e.g. below 0°C and above 40°C.
MATERIALS TO AVOID	Avoid contact with strong acids, alkali or oxidising agents.
HAZARDOUS BREAKDOWN PRODUCTS	Carbon monoxide may be formed during combustion.

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

ACUTE TOXICITY	ORAL	Not determined.
	INHALATION	Not determined.
	DERMAL	Not determined.
CORROSIVITY/ IRRITATION	SKIN	May cause irritation to skin.
	EYES	May cause irritation to eyes.
	RESPIRATORY TRACT	Excessive inhalation of the vapours may cause irritation.
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	The full ecotoxicological profile of this product has not been evaluated. Do not contaminate the environment.
ECOTOXICITY DATA	Not determined.
MOBILITY	Not determined.
(of appropriate constituents)	
PERSISTENCE AND DEGRADABILITY	Not determined.
(of appropriate constituents)	
BIOACCUMULATIVE POTENTIAL	This material is unlikely to accumulate in the environment and under normal conditions of use, environmental problems are not expected.
(of appropriate constituents)	
ENVIRONMENTAL CONSIDERATIONS	DO NOT contaminate watercourses or ground. This product is classified as toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. Thus, every care must be taken to avoid its release and the subsequent contamination of the aquatic environment.
OTHER ADVERSE EFFECTS	None.


13 DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTE	Waste should be disposed of in accordance with local, State or National requirements. Under normal circumstances, waste will be disposed of by Rentokil Initial.																										
DISPOSAL OF CONTAINERS:	Empty containers should be disposed of in accordance with local, State or National requirements. Under normal circumstances, empty containers will be disposed of by Rentokil Initial.																										
CLASSIFICATION OF INGREDIENTS. (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	Hazard Code: H14 - Ecotoxic <table border="1"><thead><tr><th>Components making the waste hazardous</th><th>Concentrations (%):</th></tr></thead><tbody><tr><td>4-Tertiary-butylcyclohexyl acetate</td><td>> 2.5 ≤10.0</td></tr><tr><td>2-Phenylethanol</td><td>> 2.5 ≤10.0</td></tr><tr><td>Hexyl-2-hydroxybenzoate</td><td>> 2.5 ≤10.0</td></tr><tr><td>1-(4-Isopropylcyclohexyl)ethanol</td><td>> 1.0 ≤2.5</td></tr><tr><td>2-Methyl-3-(4-isopropylphenyl)propanol</td><td>> 1.0 ≤2.5</td></tr><tr><td>2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol</td><td>≤1.0</td></tr><tr><td>10-Undecenal</td><td>≤1.0</td></tr><tr><td>3,7-Dimethyloctan-1-ol</td><td>≤1.0</td></tr><tr><td>3-Methyl-1-yl <i>ortho</i>hydroxy benzoate</td><td>≤1.0</td></tr><tr><td>7-Acetyl-1,1,3,4,4,6-hexamethyl-1,2,3,4-tetrahydronaphthalene</td><td>≤1.0</td></tr><tr><td>Dodecanal</td><td>≤1.0</td></tr><tr><td>Hexahydrohexamethyl cyclopentabenzopyran</td><td>≤1.0</td></tr></tbody></table>	Components making the waste hazardous	Concentrations (%):	4-Tertiary-butylcyclohexyl acetate	> 2.5 ≤10.0	2-Phenylethanol	> 2.5 ≤10.0	Hexyl-2-hydroxybenzoate	> 2.5 ≤10.0	1-(4-Isopropylcyclohexyl)ethanol	> 1.0 ≤2.5	2-Methyl-3-(4-isopropylphenyl)propanol	> 1.0 ≤2.5	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	≤1.0	10-Undecenal	≤1.0	3,7-Dimethyloctan-1-ol	≤1.0	3-Methyl-1-yl <i>ortho</i> hydroxy benzoate	≤1.0	7-Acetyl-1,1,3,4,4,6-hexamethyl-1,2,3,4-tetrahydronaphthalene	≤1.0	Dodecanal	≤1.0	Hexahydrohexamethyl cyclopentabenzopyran	≤1.0
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NOTE FOR DISPOSAL	Disposal should be in accordance with local, State or National requirements. 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: 0845 9333111.																										

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.	504AA81
ADR 2003 (INTERNATIONAL ROAD) PROPER SHIPPING NAME LIMITED QUANTITY EXCEPTIONS SPECIAL REQUIREMENTS	CLASS Not required.	ADR HIN	Not required.	LABELS Not required.
IMDG 2002 (SEA) PROPER SHIPPING NAME LIMITED QUANTITY EXCEPTIONS SPECIAL REQUIREMENTS	CLASS Not required.	IMDG EMS	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))

HAZARD SYMBOLS	
INDICATION OF DANGER	N - Dangerous for the Environment
RISK PHRASES	R51/53 Toxic to the aquatic environment, may cause long-term adverse effects to the aquatic environment.
SAFETY PHRASES	S24/25 Avoid contact with skin and eyes. S37 Wear suitable gloves. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S46 If swallowed, seek medical advice immediately and show this container or label. S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
LEGISLATION	Labelling is according to UK regulations implementing the EC Directive 1999/45. Additional labelling requirements may be necessary in accordance with local legislation. Specific legislation used within this Safety Data Sheet is listed in the above boxes.

16 OTHER INFORMATION and indication of revisions

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.

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

Outside the UK, the registration of this product may be necessary before use and any additional local requirements must be observed at all times.

REVISIONS	Changes have been made to the content of boxes 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 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)	R22 : Harmful if swallowed. R36 : Irritating to eyes. R36/38 : Irritating to eyes and skin. R38 : Irritating to skin. 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

DEOWICKS

SDS No. 604

Issue : 05

08 : 02 : 2005

Page 4 of 4

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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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