

Safety Data Sheet

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REVISION (see box 16)

Issue : 05 31 : 07 : 2007

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
Product Name	SANILITE GRANULES - SUPER
Description	A granular material with a fresh, fruity fragrance used to deodorise the Initial Sanitact Unit.
Company	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: 0151 548 5050 Emergency line: 0800 731 6 731 Email: eurotech.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):	
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.	
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, Elincs/Einecs & CAS No. of Ingredients	EC 1999/45 Classification	
>25.0 ≤50.0	Silica* EINECS : Not known CAS : Not known	Not classified.	
>10.0 ≤25.0	Magnesium oxide EINECS : Not known CAS : 1309-48-4	Not classified.	
>2.5 ≤10.0	Aluminium oxide EINECS : Not known CAS : 1344-28-1	Not classified.	
>2.5 ≤10.0	Calcium oxide EINECS : Not known CAS : 1305-78-8	Not classified.	
> 1.0 ≤2.5	4-Tertiary-butylcyclohexyl acetate EINECS : 250-954-9 CAS : 32210-23-4	N : R51,53	

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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 or dry powder extinguishers. Do NOT use a water jet.
Special Fire-Fighting Procedures	Wear suitable personal protective equipment.
Special Exposure Hazards	Carbon monoxide and unidentified organic compounds may be evolved in the event of a fire.

6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions (See also box 8)	Wear suitable personal protective equipment.
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)	Collect up spilt material and return to the Sanilite supply bucket for re-use. However, if the granules have become damp or otherwise contaminated they should be transferred to an alternative 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 silica – inhalable dust is 6 mg/m ³ long-term exposure (8 hour Time Weighted Average) and silica – respirable dust is 2.4 mg/m ³ long-term exposure (8 hour Time Weighted Average). Workplace Exposure Limit (WEL) for magnesium oxide- inhalable dust is 10 mg/m ³ long-term exposure (8 hour Time Weighted Average) and magnesium oxide – respirable dust is 4 mg/m ³ long-term exposure (8 hour Time Weighted Average). Workplace Exposure Limit (WEL) for aluminium oxide - inhalable dust is 10 mg/m ³ long-term exposure (8 hour Time Weighted Average) and aluminium oxide – respirable dust is 4 mg/m ³ long-term exposure (8 hour Time Weighted Average). Workplace Exposure Limit (WEL) for calcium oxide is 2 mg/m ³ long-term exposure (8 hour Time Weighted Average).
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	Not indicated by product classification.
Hand Protection	Not indicated by product classification.
Skin Protection	Not indicated by product classification.
Breathing Protection	Not indicated by product classification.
Environmental Exposure Controls	Use only in accordance with instructions given.

9 PHYSICAL AND CHEMICAL PROPERTIES			
Appearance and Odour	Granular material with a fresh, fruity fragrance.		
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	Non-flammable.	Combustibility	Non-combustible.
Boiling Point/Range	Not applicable.	Oxidising Properties	Not determined.
Vapour Density	Not applicable.	Evaporation Rate	Not applicable.
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	Avoid contact with strong acids, alkali or oxidising agents.
Hazardous Breakdown Products	Carbon monoxide and unidentified organic compounds may be evolved in the event of a fire.

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

Acute Toxicity	Oral	Not determined.
	Inhalation	Not determined.
	Dermal	Not determined.
Corrosivity/Irritation	Skin	Not expected to be irritating to skin.
	Eyes	Not expected to be irritating to eyes.
	Respiratory tract	Not expected to be irritating to respiratory tract.
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 Development	Product does not contain any components known to have effects on fertility.
Other Information		Product does not contain any components known to be toxic to the reproductive system.
		None.

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	Not determined.
Mobility	Not determined.
Persistence and Degradability	Not ready biodegradable.
Bioaccumulative Potential	Not expected to bioaccumulate.
Other Adverse Effects	None known.

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> H14 - Ecotoxic <u>Components making the waste hazardous</u> 2-Tertiary-butylcyclohexyl acetate 3-Butyltetrahydro-5-methyl-2h-pyran-4-yl- acetate & tetrahydro-3-pentyl-2h-pyran-4-yl acetate 4-Tertiary-butylcyclohexyl acetate Amyl salicylate Dodecanenitrile Gamma-undecalactone
	<u>Concentrations (%):</u> ≤1.0 ≤1.0 1.0 ≤2.5 ≤1.0 ≤1.0 ≤1.0
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.

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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.	PSS56
ADR 2007 (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 2006 (Sea)	Class Not required.	IMDG EMS	Not required.	
Proper Shipping Name	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	S35: This material and its container must be disposed of in a safe way. S61: Avoid release to the environment. Refer to special instructions/safety data sheet.
Additional Label Phrases	Not required.
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	A white, 25 litre, plastic tub with a press on lid.
Revisions	Changes have been made to the content of boxes 1, 14 & 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)	R51,53 : 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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