

Safety Data Sheet

NOTE: Access to a copy of this Safety Data Sheet (SDS) via our Website does not constitute the issue of a controlled Copy under EU legislation. To be issued with such a copy please contact Rentokil Initial using the details below. In order to confirm the latest version of the SDS for this product visit <http://www.rentokil-initial.com/sds>

REVISION (see box 16)

Issue : 02 29 : 09 : 2009

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY			
Product Name	PINK BLOSSOM		
Description	A sweet pea, jasmine and pear fragrance, for use in the Microfresh Unit.		
Company	Ambius, Ebony House, Castlegate Way, Dudley, DY1 4TA. Tel: +44 (0)1293 858 000. E-mail: sds@rentokil.com		
2 HAZARD IDENTIFICATION			
Classification (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.
Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):			
None 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	
≥10.0 ≤15.0	1,4-Dioxacycloheptadecane-5,17-dione ELINCS : 203-347-8 CAS : 105-95-3	N : R51,53	
≥5.0 ≤7.5	Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) EINECS : 259-174-3 CAS : 54464-57-2	N : R51,53	
≥5.0 ≤7.5	Benzoic acid, 2-hydroxy-,hexyl ester EINECS : 228-408-6 CAS : 6259-76-3	X _i : R38 N : R50,53	
≥2.5 ≤5.0	Cyclohexanol, 4-(1,1-dimethyl)-, acetate EINECS : 250-945-9 CAS : 32210-23-4	N : R51,53	
≥2.5 ≤5.0	Benzeneethanol EINECS : 200-456-2 CAS : 60-12-8	X _i : R36	
≥2.5 ≤5.0	Propyl (2S)-2-(1,1-dimethylpropoxy)-propanoate ELINCS : 437-530-0 CAS : 319002-92-1	: R52,53	
≥2.5 ≤5.0	Cyclohexanepropanol, .alpha.,.alpha,-dimethyl ELINCS : 420-630-3 CAS : 83926-73-2	X _i : R41 N : R51,53	
≥2.5 ≤5.0	Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomer (cis and trans) ELINCS : 405-040-6 CAS : 63500-71-0	X _i : R36	
≥1.0 ≤2.5	Benzenepropanal, .alpha.methyl-4(1-methylethyl) EINECS : 203-161-7 CAS : 103-95-7	X _i : R38 N : R51,53	
≥1.0 ≤2.5	Oxacyclohexadec-12-en-2-one, (12E) ELINCS : 422-320-3 CAS : 111879-80-2	N : R50,53	
≥1.0 ≤2.5	Cyclododecane, (ethoxymethoxy) EINECS : 261-332-1 CAS : 58567-11-6	X _i : R38 N : R52,53	
≥1.0 ≤2.5	2H-Pyran-4-ol, tetrahydro-3-pentyl, acetate EINECS : 242-640-5 CAS : 18871-14-2	: R52,53	
≥1.0 ≤2.5	Ethanone, 1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)-[3R-(3.alpha,3a.beta,7.beta., 8a.alpha.)] EINECS : 251-020-3 CAS : 32388-55-9	N : R50,53	
≥0.5 ≤1.0	3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl) EINECS : 238-969-9 CAS : 14901-07-6	N : R51,53	
≥0.5 ≤1.0	Benzoic acid, 2-hydroxy-, 3-hexenyl ester, (Z) EINECS : 265-745-8 CAS : 65405-77-8	N : R51,53	

PINK BLOSSOM

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, alcohol-resistant foam, water mist, or dry powder extinguishers.
Special Fire-Fighting Procedures	Wear 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	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)	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	No specific handling requirements.
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 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	Suitable eye protection such as goggles.
Hand Protection	Suitable hand protection such as gloves.
Skin Protection	Suitable skin protection such as coveralls.
Breathing Protection	Suitable respiratory protection such as self-contained breathing apparatus.
Environmental Exposure Controls	Use only in accordance with instructions given.

9 PHYSICAL AND CHEMICAL PROPERTIES			
Appearance and Odour	A colourless to pale yellow liquid with a sweet pea, jasmine and pear fragrance.		
pH	Not determined.	Solubility in Water	Not applicable.
Density	0.948-0.958	Solubility in Other Solvents	Not determined.
Flash Point	>100°C (closed cup).	Explosive Properties	Not applicable.
Flammability	Not determined.	Combustibility	Combustible.
Boiling Point/Range	Not determined.	Oxidising Properties	None.
Vapour Density	Not applicable.	Evaporation Rate	Not determined.
Vapour Pressure	Not applicable.	Partition Coefficient	Not applicable.
Viscosity	Not determined.	Other Data	None known.

PINK BLOSSOM

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 oxidising agents.
Hazardous Breakdown Products	None.

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)


Acute Toxicity	Oral	Not determined.
	Inhalation	Not determined.
	Dermal	Not determined.
Corrosivity/Irritation	Skin	Not determined.
	Eyes	Irritating to eyes.
	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 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 known.

12 ECOLOGICAL INFORMATION

General Information	This product is classified as 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.
Ecotoxicity Data	Not determined.
Mobility	Not determined.
Persistence and Degradability	Not determined.
Bioaccumulative Potential	Not determined.
Other Adverse Effects	None known.

13 DISPOSAL CONSIDERATIONS

Disposal of Waste / Containers	This product is dangerous for the environment. Do not discharge waste washings or waste product to sewers, drains or watercourses. Under normal circumstances, waste / empty containers will be disposed of by Ambius. For disposal advice contact Ambius Tel: +44 (0)1293 858 000
Classification (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	
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.	UN3082	Tremcard Reference No.	90GM6-III	RIS Code
Transport Category	3	UK Hazchem EAC	•3Z	Not applicable.
ADR 2009 (International Road) Proper Shipping Name	Class 9 ADR HIN 90 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (ETHYLENE BRASSYLATE, ACETYLTETRAMETHYLOCTALINE)			Labels 
Limited Quantity Exemptions	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			
IMDG 2008 (Sea) Proper Shipping Name	Class 9 IMDG EMS F-A, S-F ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S ((ETHYLENE BRASSYLATE, ACETYLTETRAMETHYLOCTALINE)			
Limited Quantity Exemptions	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg. Combination packs only.			
Special Requirements	Not required. Marine Pollutant. Packing Group III			
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	S57 Use appropriate container to avoid environmental contamination. 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	Plastic containers with a screw top lid which can hold up to 1.2 Litres, including 75 ml, 90 ml, 175 ml, 250 ml, 1L and 1.2L.
Revisions	Changes have been made to the content of boxes 02, 08, 14 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 01.
Risk phrase text (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	R36 : Irritating to eyes. R38 : Irritating to skin. R41 : Risk of serious damage to eyes. 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. R52,53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

PINK BLOSSOM

SDS No. 1018

Issue : 02

29 : 09 : 2009

Page 4 of 4

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.

Copyright © (2009) Rentokil Initial plc, European Technical Centre, Units 7 & 8 Foundry Court, Foundry Lane, Horsham, West Sussex. RH13 5PY. United Kingdom.

Telephone: +44 (0) 1293 858000 Fax: +44 (0) 1403 214101 Web: <http://www.rentokil-initial.com/sds>