



LOTUS TOILET FRESHER
with micro organisms

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

Trade mark	LOTUS TOILET FRESHER, Yellow, green or blue.
Usage	Yellow, green or blue soap capsule with micro organisms to be hung on toilet bowls. The micro organisms produce active enzymes, degrade and remove organic material and keep the toilet free from dirt and bad odours.
Supplier	PRO-REN A/S Springstrup 7 DK-4300 Holbaek Denmark
Responsible for MSDS	msds@proren.dk
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2. HAZARDS IDENTIFICATION

None. Yellow and green do not contain substances to be declared in paragraph 2. Blue: Contains Benzyl Salicylate, Limonene and Hydroxymethylpentylcyclohexenecarboxaldehyde in concentrations at 0,1% -1%. Both can promote an allergic reaction in contact with the skin.

3. COMPOSITION / INFORMATION'S OF CONTENTS

Ingredients:	Function:	CAS-number:	Einecs N ^o	Weight-%:	Classification:
Cetareth-50	Nonionic surfactant	68439-49-6	-	>30%	-
Polyethylenglycol	Binder	25322-68-3	-	15-30%	-
Sterayl Alcohol	Binder	112-92-5	204-017-6	5-15%	-
Parfum, yellow and green	Perfume	Meet the standard of RIFM and IFRA		5-15%	R52/53
Parfum, blue	Perfume	Meet the standard of RIFM and IFRA		5-15%	Xi: R43, R52/53
Micro organisms	Micro oranisms	European class 1		<1%	-
Limonene, blue only	Perfume	5989-27-5	227-813-5	<1%	Xi R43
Hydroxymethylpentylcyclohexene-carboxaldehyde, blue only	Perfume	31906-04-4	250-863-4	<1%	Xi R43
Benzyl Salicylate, blue only	Perfume	118-58-1	204-262-9	<1%	Xi R43
Farnesol, blue only	Perfume	4602-84-0	225-004-1	<0,1%	-
Benzyl cinnamate, blue only	Perfume	103-41-3	203-109-3	<0,1%	-
Hexylcinnamaldehyde, blue only	Perfume	101-86-0	202-983-3	<0,1%	-
CI 21095, yellow and green only	Colour	5468-75-7	226-789-3	<1%	-
CI 74160, green only	Colour	147-14-8	205-685-1	<1%	-
CI 61551, blue only	Colour	14233-37-5	238-101-9	<1%	-
Basket: Polyolefin plastic	Fully degradable. By burning the plastic is changed to water and CO ₂ .				

4. FIRST AID MEASURES

Inhalation	Not relevant.
Consumption	Rinse the mouth thoroughly with water. Drink plenty of water.
Skin contact	Wash with water and soap.
Eye contact	Rinse opened eye immediately with plenty of water for minimum 15 minutes. If irritation continues seek medical attention, bring data sheet.

5. FIRE FIGHTING MEASURES

Extinguishing media	Fire can be put out with powder, foam, CO ₂ or water. Choose extinguishing media according to surroundings.
Measures	No special demands.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions.	No demands to personal protective, but wash with water and soap after clean-up. Use if possible gloves during larger clean-up. By spillage hard surfaces will be slippery, especially if mixed with water.
Measures for environmental protection.	Collected and disposed as chemical-waste.
Measures for cleaning/collecting.	No special demands, soap scrap can be flushed away with water.

7. HANDLING AND STORAGE

Handling precautions	No special demands.
Storage precautions/conditions	Keep dry and cool in original packing.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Arrangement of the workplace.	No special demands.
Threshold Limits	-
Personal protective	Use if possible gloves during larger clean-up.
Additional information	Follow good chemical hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid soap capsule.
Colour	Yellow, Green or Blue
Odour	Perfume: Lemon, Green Fresh or Neutral Modest.
Solubility	Water-soluble.
pH-value concentrated	4,9
Viscosity	-
Density	-
Flash point	-
Boiling point	-
Freezing point	-

10. STABILITY AND REACTIVITY

Stability	Stable.
Terms/Materials which should be avoided	No special demands.
Hazardous reactions	-
Dangerous decomposition products	-

11. TOXICOLOGICAL INFORMATION'S

Acute toxicity	The product is not acute toxic.
Skin irritation, yellow and green	-
Skin irritation, blue	Contains Benzyl Salizylate, Limonene and Hydroxymethylpentylcyclohexenecarboxaldehyde in concentrations at 0,1% -1%. Both can promote an allergic reaction in contact with the skin.
Inhalation	Not relevant.
Eye contact	Can by direct eye contact cause slight irritation.
Consumption	No known damage in smaller amount.

12. ECOLOGICAL INFORMATION'S

The ingredients are selected to obtain a high biological degradation rate. This gives minimal disturbance of the biological purification plant and the nature. Data for the evaluation comes from tests which conform to ISO and OECD test methods. The surfactants in the product pass the ultimate biodegradability test according to EC regulation for surfactants in detergents.
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13. DISPOSAL CONSIDERATIONS

Product	Soap scrap and waste are to be disposed as chemical-waste. Disposal type: H Waste card: 1.11
Packing	Not contaminated packing can be reused. Packing which can not be cleaned, can be disposed with the local disposing system.

14. TRANSPORT INFORMATION'S

Not classified as dangerous goods.

15. REGULATORY INFORMATION'S

Labelling	>30% nonionic surfactants, perfume, blue only: Limonene, Hydroxymethylpentylcyclohexenecarboxaldehyde, Benzyl Salicylate, Farnesol, Benzyl cinnamate, Hexylcinnamaldehyde
Risk-phrase	-
Security-phrase	-
Limit of use	-

16. OTHER INFORMATION'S

Packing	Dimension basket: D: 30 mm. L: 80 mm.	Pcs. per bag: 5 pcs.	Pcs. per box: 1 kg. (4x5 pcs.)	Pcs. per masterbox: 12 kg. (12 x 20 pcs.)	Dimension masterbox: W: 27,5 cm. L: 32,0 cm. H: 45,0 cm.	Masterboxes per Eur-pallet: 33 boxes. (396 kg.)
Customer adjustment	Ask for additional information's.					
R-phrases in 2. and 3.	R43: May cause sensitisation by skin contact. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.					
Composition	Based on the existing Danish regulation, including departmental orders and our suppliers information's including available literature. Holbæk/21-01-2010					