

# Safety data sheet

Revision: 22-06-2015  
Replaces: 25-07-2013  
Version: 02.00/EU\_UK

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name: Refill for F-MATIC P-Type SUN GREEN

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Air refreshener refill.

### 1.3. Details of the supplier of the safety data sheet

Supplier: Hyprom SA  
Z.I. Le Trési 6B  
CH-1028 Prévèrenge  
Switzerland  
Tel: +41 21 803 62 72  
Fax: +41 21 803 63 72  
Email: info@hyprom.ch

### 1.4. Emergency telephone number

Emergency telephone comments: + 41 21 803 62 72 (Hyprom SA)  
The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008): Skin Sens. 1;H317 Aquatic Chronic 2; H411

*Please see section 16 for the full text of H-phrases.*

Most serious harmful effects: May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements



Signal word: Warning

Contains: d-Limonene; alpha-hexylcinnamaldehyde; Linalool

H-phrases: May cause an allergic skin reaction.(H317)  
Toxic to aquatic life with long lasting effects.(H411)

P-phrases: Wear protective gloves.(P280-h)  
Dispose of contents/container in accordance with local regulation.(P501-A)

Supplemental information: Contains Coumaric acid, Benzoic acid, Citronellol, 7-Hydroxycitronellal, Geraniol, Citral. May

produce an allergic reaction.

### 2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC No.	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w%	Note
.	5989-27-5	d-Limonene	Flam. Liq. 3;H226 Skin Irrit. 2;H315	1-5	.
.	227-813-5	.	Skin Sens. 1;H317 Aquatic Acute 1;H400	.	.
.	.	.	Aquatic Chronic 1;H410	.	.
.	101-86-0	alpha-Hexylcinnamaldehyde	Skin Irrit. 2; H315 Skin Sens. 1; H317	1-5	.
.	202-983-3	.	.	.	.
.	78-70-6	Linalool	Skin Irrit. 2; H315 Skin Sens. 1; H317	1-5	.
.	201-134-4	.	.	.	.
.	91-64-5	Coumaric acid	Acute Tox. 3;H301 Skin Sens. 1B; H317	0,1-1	.
.	202-086-7	.	.	.	.
.	118-58-1	Benzoic acid	Skin Sens. 1;H317 Aquatic Chronic 1;H410	0,1-1	.
.	204-262-9	.	.	.	.
.	106-22-9	Citronellol	Eye Irrit. 2;H319 Skin Irrit. 2; H315	0,1-1	.
.	203-375-0	.	Skin Sens. 1; H317 Aquatic Chronic 2; H411	.	.
.	107-75-5	7-Hydroxycitronellal	Eye Irrit. 2; H319 Skin Sens. 1; H317	0,1-1	.
.	203-518-7	.	.	.	.
.	106-24-1	Geraniol	Skin Irrit. 2; H315 Skin Sens. 1; H317	0,1-1	.
.	203-377-1	.	.	.	.
.	5392-40-5	Citral	Skin Irrit. 2;H315 Skin Sens. 1;H317	0,1-1	.
.	226-394-6	.	.	.	.

Please see section 16 for the full text of H-phrases.

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eyes	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	When obtaining medical advice, show the safety data sheet or label.

### 4.2. Most important symptoms and effects, both acute and delayed

May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed:  
Carbon monoxide and carbon dioxide.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and

flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear gloves.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

### 6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a damp cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

### 7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store at temperatures below < 40 °C.

### 7.3. Specific end use(s)

None.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits). Last amended by Commission Directive 2009/161/EU.

Contains no substances subject to reporting requirements.

### 8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Not required.

Personal protective equipment, skin protection: In the event of direct skin contact, wear protective gloves: Type of material: Plastic/ Rubber. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State: Solid substance

Colour: No data

Odour: Perfumed odour

Odour threshold: No data

pH (solution for use): No data

pH (concentrate): No data

Melting point/freezing point: No data

Initial boiling point and boiling range: No data

Flash point:

Flash point: No data

Evaporation rate: No data

Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	No data
Solubility:	No data
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

**9.2. Other information**

None.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Not reactive.

**10.2. Chemical stability**

The product is stable when used in accordance with the supplier's directions.

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

None known.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May irritate the skin – may cause reddening. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	May cause eye irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	The product contains small quantities of organic solvents. When working in large areas in poorly ventilated rooms, the vapours may cause headache and dizziness. The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.  
Aspiration hazard: The product does not have to be classified. Test data are not available.  
Other toxicological effects: None known.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

Test data are not available.

### 12.3. Bioaccumulative potential

Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

No assessment has been made.

### 12.6. Other adverse effects

None known.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Do not discharge large quantities of concentrated spills and residue into drains. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 16 05 08\* discarded organic chemicals consisting of or containing dangerous substances.

Absorbent/cloth contaminated with the product:  
EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

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## SECTION 14: Transport information

### ADR/RID

14.1. UN number 3077

14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-Limonene)

14.3. Transport hazard class(es) 9

14.4. Packing group III

Hazard identification number 90

Tunnel restriction code: E

14.5. Environmental hazards The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.

### ADN

14.1. UN number 3077

14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-Limonene)

14.3. Transport hazard class(es) 9

14.4. Packing group

	III
14.5. Environmental hazards	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
Transport in tank vessels:	-
<b>IMDG</b>	
14.1. UN number	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-Limonene)
14.3. Transport hazard class(es)	9
14.4. Packing group	III
14.5. Environmental hazards	The product must be labelled as a Marine Pollutant (MP) in packaging sizes of more than 5 kg/l.
IMDG Code segregation group:	-
<b>ICAO/IATA</b>	
14.1. UN number	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (d-Limonene)
14.3. Transport hazard class(es)	9
14.4. Packing group	III
14.5. Environmental hazards	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
<b>14.6. Special precautions for user</b>	None.
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

## SECTION 15: Regulatory information

Covered by: Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

Directive 2012/18/EU (Seveso), E2 Hazardous to the Aquatic Environment in Category Chronic 2: Column 2: 200 t, Column 3: 500 t.

### 15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

## SECTION 16: Other information

Changes have been made in the following sections: 2,3,8,12,14,15,16

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

Classification method: Calculation based on the hazards of the known components.

H-phrases: H226 Flammable liquid and vapour.  
H301 Toxic if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

Training:

Other information:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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