



## Safety Data Sheet HEPI CLOSET LAVENDER

Safety Data Sheet dated 15/11/2018, version 3  
Conforms to Regulation (EC) No. 830/2015

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

#### 1.1. Product identifier

Trade name: HEPI CLOSET LAVENDER  
Trade code: 5341

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

Recommended use:  
Household air-freshener

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

Company:  
RE.LE.VI. S.p.A. - Via Postumia n.1- 46040 RODIGO Mantova - Italia  
Phone +39.0376.684011 - FAX +39.0376.658076  
www.relevi.it - info@relevi.it

Competent person responsible for the safety data sheet:  
sds@relevi.it

#### 1.4. Emergency telephone number

Company +39 0376 780632 (24/24h - 7/7d - Italian/English)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.
- Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:  
No other hazards

#### 2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P302+P352 IF ON SKIN: Wash with plenty of water and soap.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local regulations.



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#### Special Provisions:

EUH208 Contains Linalyl acetate. May produce an allergic reaction.  
EUH208 Contains EUCALYPTOL. May produce an allergic reaction.  
EUH208 Contains caryophyllene. May produce an allergic reaction.  
EUH208 Contains TERPINOLENE. May produce an allergic reaction.

#### Contains

LINALOOL

Special provisions according to Annex XVII of REACH and subsequent amendments:  
None

#### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

#### Other Hazards:

No other hazards

## SECTION 3: Composition/information on ingredients

#### 3.1. Substances

N.A.

#### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 30% - < 40%	benzyl acetate	CAS: 140-11-4 EC: 205-399-7 REACH No.: 01-2119638272-42	4.1/C3 Aquatic Chronic 3 H412
>= 7.5% - < 10%	LINALOOL	Index number: 603-235-00-2 CAS: 78-70-6 EC: 201-134-4 REACH No.: 01-2119474016-42	⚠ 3.4.2/1B Skin Sens. 1B H317
>= 2.5% - < 5%	Linalyl acetate	CAS: 115-95-7 EC: 204-116-4 REACH No.: 01-2119454789-19	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 3.3/2 Eye Irrit. 2 H319
>= 2.5% - < 5%	EUCALYPTOL	CAS: 470-82-6 EC: 207-431-5 REACH No.: 01-2119967772-24	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.4.2/1B Skin Sens. 1B H317
>= 2.5% - < 5%	DIHYDRO MYRCENOL	CAS: 18479-58-8 EC: 242-362-4 REACH No.: 01-2119457274-37	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319
>= 2.5% - < 5%	Camphor	CAS: 76-22-2 EC: 200-945-0	⚠ 2.7/2 Flam. Sol. 2 H228 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.8/2 STOT SE 2 H371
>= 2.5% - < 5%	Terpineol	CAS: 8000-41-7 EC: 232-268-1	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319



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		REACH No.:	01-2119553062-49	
>= 0.75% - < 1%	caryophyllene	CAS: EC:	87-44-5 201-746-1	⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 4.1/C4 Aquatic Chronic 4 H413 ⚠ 3.4.2/1B Skin Sens. 1B H317
>= 0.1% - < 0.25%	TERPINOLENE	CAS: EC: REACH No.:	586-62-9 209-578-0 01-2119982325-32	⚠ 3.4.2/1B Skin Sens. 1B H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=1. ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1. ⚠ 3.10/1 Asp. Tox. 1 H304
< 0.1%	Tin dioxide	CAS: EC: REACH No.:	18282-10-5 242-159-0 01-2119946062-44	Substance with a Union workplace exposure limit.
< 0.1%	1,4-METHANOAZULENE, DECAHYDRO-4,8,8- TRIMETHYL-9-	CAS: EC:	475-20-7 207-491-2	⚠ 3.4.2/1B Skin Sens. 1B H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=10. ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=10.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.  
Remove contaminated clothing immediately and dispose off safely.  
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.  
Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).  
Treatment:  
Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

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



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Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.

#### 5.3. Advice for firefighters

Use suitable breathing apparatus .  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

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

Wear personal protection equipment.  
Remove persons to safety.  
See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand

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

Wash with plenty of water.

#### 6.4. Reference to other sections

See also section 8 and 13

## SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.

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

Maintain between 4 and 38 °C  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.

#### 7.3. Specific end use(s)

None in particular

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

benzyl acetate - CAS: 140-11-4  
ACGIH - TWA(8h): 10 ppm - Notes: A4 - URT irr  
Camphor - CAS: 76-22-2  
ACGIH - TWA(8h): 2 ppm - STEL: 3 ppm - Notes: A4 - Eye and URT irr, anosmia





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Tin dioxide - CAS: 18282-10-5  
EU - TWA(8h): 2 mg/m<sup>3</sup> - Notes: calculated as Sn

#### DNEL Exposure Limit Values

benzyl acetate - CAS: 140-11-4

Worker Professional: 21.9 mg/m<sup>3</sup> - Consumer: 5.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 43.8 mg/m<sup>3</sup> - Consumer: 11 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 6.25 mg/kg - Consumer: 3.125 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 12.5 mg/kg - Consumer: 6.25 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Consumer: 3.125 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

LINALOOL - CAS: 78-70-6

Worker Professional: 2.5 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 2.8 mg/m<sup>3</sup> - Consumer: 0.7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 15 mg/cm<sup>3</sup> - Consumer: 1.25 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects

Consumer: 4.1 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 5 mg/kg - Consumer: 2.5 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

DIHYDRO MYRCENOL - CAS: 18479-58-8

Worker Professional: 73.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 20.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/ giorno

Consumer: 21.7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 12.5 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/giorno

Consumer: 12.5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: bw/giorno

Terpineol - CAS: 8000-41-7

Worker Professional: 5 mg/kg - Consumer: 2.5 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Professional: 1.17 mg/kg - Consumer: 0.42 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 5.8 mg/kg - Consumer: 1.25 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 5.8 mg/kg - Consumer: 1.25 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 0.42 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects

#### PNEC Exposure Limit Values

benzyl acetate - CAS: 140-11-4

Target: Fresh Water - Value: 0.004 mg/l

Target: Marine water - Value: 0.0004 mg/l

Target: wastewater treatment plant - Value: 8.55 mg/l

Target: Freshwater sediments - Value: 0.114 mg/kg

Target: Marine water sediments - Value: 0.0114 mg/kg

LINALOOL - CAS: 78-70-6

Target: Fresh Water - Value: 0.2 mg/l

Target: Marine water - Value: 0.02 mg/l

Target: Freshwater sediments - Value: 2.22 mg/l

Target: Marine water sediments - Value: 0.222 mg/kg

Target: Soil (agricultural) - Value: 0.327 mg/kg

DIHYDRO MYRCENOL - CAS: 18479-58-8

Target: Fresh Water - Value: 0.278 mg/l

Target: Marine water - Value: 0.278 mg/l

Target: Soil (agricultural) - Value: 0.103 mg/kg

Target: Freshwater sediments - Value: 0.594 mg/kg

Target: Marine water sediments - Value: 0.0594 mg/kg

Terpineol - CAS: 8000-41-7

Target: wastewater treatment plant - Value: 2.57 mg/l

Target: Fresh Water - Value: 0.062 mg/l

Target: Soil (agricultural) - Value: 0.052 mg/kg

Target: Marine water - Value: 0.0062 mg/l

Target: Freshwater sediments - Value: 0.442 mg/kg

## 8.2. Exposure controls

Eye protection:

Basket eye glasses.





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Protection for skin:  
Chemical protection clothing.  
Protection for hands:  
Suitable gloves type:  
PVA (Polyvinyl alcohol).  
Respiratory protection:  
Not needed for normal use.

Thermal Hazards:  
None

Environmental exposure controls:  
None  
Appropriate engineering controls:  
None

#### SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Appearance:	Liquid gel	--	--
Colour:	Purple	--	--
Odour:	Lavender	--	--
Odour threshold:	Not available	--	--
pH	Not Applicable	--	--
Melting point / freezing point:	Not available	--	--
Initial boiling point and boiling range:	Not available	--	--
Flash point:	Not available	--	--
Evaporation rate:	Not available	--	--
Solid/gas flammability:	Not flammable	--	--
Upper/lower flammability or explosive limits:	Not available	--	--
Vapour pressure:	Not available	--	--
Vapour density:	Not available	--	--
Relative density:	Not available	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	Not available	--	--
Partition coefficient (n-octanol/ water):	Not available	--	--
Auto-ignition temperature:	Not available	--	--
Decomposition temperature:	Not available	--	--
Viscosity:	Not available	--	--





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Explosive properties:	Not available	--	--
Oxidizing properties:	Not available	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not available	--	--
Fat Solubility:	Not available	--	--
Conductivity:	Not available	--	--
Substance Groups relevant properties	N.A.	--	--

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the product:

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a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1B H317

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity





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Not classified  
Based on available data, the classification criteria are not met

h) STOT-single exposure  
Not classified  
Based on available data, the classification criteria are not met

i) STOT-repeated exposure  
Not classified  
Based on available data, the classification criteria are not met

j) aspiration hazard  
Not classified  
Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

benzyl acetate - CAS: 140-11-4

a) acute toxicity:  
Test: LD50 - Route: Skin - Species: Rabbit > 5 g/kg  
Test: LD50 - Route: Oral - Species: Rat = 2490 mg/kg

LINALOOL - CAS: 78-70-6

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 2790 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 5610 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse = 2200 mg/kg

b) skin corrosion/irritation:  
Test: Skin Irritant - Route: Skin - Species: Rabbit Positive

Linalyl acetate - CAS: 115-95-7

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 13934 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse = 13360 mg/kg

EUCALYPTOL - CAS: 470-82-6

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 1680 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

DIHYDRO MYRCENOL - CAS: 18479-58-8

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 3600 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 5000 mg/kg  
Test: LD50 - Route: Skin - Species: Rat = 5000 mg/kg

Camphor - CAS: 76-22-2

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse = 1310 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 2500 mg/kg  
Test: LC50 - Route: Inhalation Mist - Species: Rat 1.5 mg/kg

Terpineol - CAS: 8000-41-7

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 4000 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse = 2830 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 3000 mg/kg

TERPINOLENE - CAS: 586-62-9

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 4390 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

1,4-METHANOAZULENE, DECAHYDRO-4,8,8-TRIMETHYL-9- - CAS: 475-20-7

a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

## SECTION 12: Ecological information

Adopt good working practices, so that the product is not released into the environment.

### 12.1. Toxicity

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The product is classified: Aquatic Chronic 3 - H412

benzyl acetate - CAS: 140-11-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 17 mg/l - Duration h: 48

Endpoint: EC50 = 855 mg/l - Duration h: 3





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Species: Algae = 114 mg/l - Duration h: 72  
Endpoint: LC50 - Species: Fish = 4000 Ppm - Duration h: 96

b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Algae = 52 mg/l - Duration h: 72

LINALOOL - CAS: 78-70-6

a) Aquatic acute toxicity:  
Endpoint: EC50 = 141.4 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia = 59 mg/l - Duration h: 48  
Endpoint: EC50 > 100 mg/l - Duration h: 3  
Endpoint: LC50 - Species: Fish = 27.8 mg/l - Duration h: 96

Linalyl acetate - CAS: 115-95-7

a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 11 mg/l - Duration h: 96 - Notes: Cyprinus carpio  
Endpoint: EC50 - Species: Daphnia = 15 mg/l - Duration h: 48 - Notes: Daphnia magna  
Endpoint: NOEC - Species: Algae = 9.6 mg/l - Duration h: 72 - Notes: Desmodemus subspicatus

DIHYDRO MYRCENOL - CAS: 18479-58-8

a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Algae = 3.88 mg/l - Duration h: 96  
Endpoint: LC50 - Species: Daphnia = 5.7 mg/l - Duration h: 48  
Endpoint: LC50 - Species: Fish = 4.81 mg/l - Duration h: 96

Camphor - CAS: 76-22-2

a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Algae = 6.951 mg/l - Duration h: 96

Terpineol - CAS: 8000-41-7

a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Daphnia = 73 mg/l - Duration h: 48  
Endpoint: LC50 - Species: Fish = 80 mg/l - Duration h: 96

Tin dioxide - CAS: 18282-10-5

#### 12.2. Persistence and degradability

N.A.

#### 12.3. Bioaccumulative potential

N.A.

#### 12.4. Mobility in soil

N.A.

#### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

#### 12.6. Other adverse effects

None

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

## SECTION 14: Transport information

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

N.A.



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#### 14.3. Transport hazard class(es)

N.A.

#### 14.4. Packing group

N.A.

#### 14.5. Environmental hazards

ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No

#### 14.6. Special precautions for user

N.A.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

## SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3  
Restriction 40

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)  
Regulation (EC) nr 648/2004 (detergents).  
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1  
None

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.  
Substances for which a Chemical Safety Assessment has been carried out:

None

## SECTION 16: Other information

Text of phrases referred to under heading 3:

H412 Harmful to aquatic life with long lasting effects.  
H317 May cause an allergic skin reaction.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H226 Flammable liquid and vapour.  
H228 Flammable solid.  
H332 Harmful if inhaled.



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H302 Harmful if swallowed.  
H371 May cause damage to organs.  
H304 May be fatal if swallowed and enters airways.  
H413 May cause long lasting harmful effects to aquatic life.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Flam. Sol. 2	2.7/2	Flammable solid, Category 2
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
STOT SE 2	3.8/2	Specific target organ toxicity - single exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3
Aquatic Chronic 4	4.1/C4	Chronic (long term) aquatic hazard, category 4

Paragraphs modified from the previous revision:

SECTION 2: Hazards identification  
SECTION 3: Composition/information on ingredients  
SECTION 4: First aid measures  
SECTION 8: Exposure controls/personal protection  
SECTION 11: Toxicological information  
SECTION 12: Ecological information  
SECTION 15: Regulatory information  
SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method





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### HEPI CLOSET LAVENDER

This document was prepared by a competent person who has received appropriate training.

#### Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KST:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

