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

1.1. Product identifier

Mixture identification

Trade name: ESSENCE SPRING

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

Recommended use:

Air freshener for environments.

Professional use (SU22)

PC3 – Air treatment products

Uses advised against:

Different uses than recommended. Do not use in combination with other products.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

SUTTER INDUSTRIES s.p.a. - Società con Unico Socio

15060 Borghetto Borbera (AL) Italia

Tel. +39 0143 631.1

Competent person responsible for the safety data sheet:

regulatory.affairs@sutter.it

1.4. Emergency telephone number

+39 0143 631.1 mon-fri 9.00/17.00

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**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

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:

None

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

None

Special Provisions:

EUH210 Only for professional use. Safety data sheet available on request.

Contents

ALPHA-ISOMETHYL IONONE: May produce an allergic reaction.

GERANIOL: May produce an allergic reaction.

CIS-3,7-DIMETHYL-2,6-OCTADIEN-1-OL: May produce an allergic reaction.

2-METHYL-3-(4-ISOPROPYLPHENYL)PROPANAL: May produce an allergic reaction.

2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE (ISOMER): May produce an allergic reaction.

OCTAHYDRO TETRAMETHYL ACETONAPHTONE: May produce an allergic reaction.

CYCLOHEXYLIDENE-O-TOLYL-ACETONITRILE: May produce an allergic reaction.

CIS-3-HEXENYL-2-HYDROXYBENZOATE: May produce an allergic reaction.

BENZYL SALICYLATE: May produce an allergic reaction.

METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE: May produce an allergic reaction.

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

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### SECTION 3: Composition/information on ingredients

3.1. Substances


Not Applicable, the product is a mixture.

3.2. Mixtures


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

>= 0.1% - < 0.25% GERANIOL

REACH No.: 01-2119552430-49, CAS: 106-24-1, EC: 203-377-1


 3.4.2/1 Skin Sens. 1 H317


 3.3/1 Eye Dam. 1 H318

 3.2/2 Skin Irrit. 2 H315

>= 0.1% - < 0.25% CIS-3,7-DIMETHYL-2,6-OCTADIEN-1-OL

CAS: 106-25-2, EC: 203-378-7


 3.3/2 Eye Irrit. 2 H319

 3.2/2 Skin Irrit. 2 H315

 3.4.2/1B Skin Sens. 1B H317

>= 0.1% - < 0.25% SCENTED ESSENCES R50/53 M=1

 4.1/A1 Aquatic Acute 1 H400 M=1.

 4.1/C1 Aquatic Chronic 1 H410 M=1.

>= 0.1% - < 0.25% 2-METHYL-3-(4-ISOPROPYLPHENYL)PROPANAL

REACH No.: 01-2119970582-32, CAS: 103-95-7, EC: 203-161-7

 3.2/2 Skin Irrit. 2 H315

 3.4.2/1B Skin Sens. 1B H317

 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% CYCLOHEXYLIDENE-O-TOLYL-ACETONITRILE


REACH No.: 01-0000020170-87, CAS: 916887-53-1, EC: 482-300-5

 3.4.2/1 Skin Sens. 1 H317


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>= 0.1% - < 0.25% CIS-3-HEXENYL-2-HYDROXYBENZOATE

CAS: 65405-77-8, EC: 265-745-8

 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317

 4.1/A1 Aquatic Acute 1 H400 M=1.

 4.1/C1 Aquatic Chronic 1 H410 M=1.

>= 0.1% - < 0.25% 2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE (ISOMER)

CAS: 68039-49-6, EC: 268-264-1

 3.3/2 Eye Irrit. 2 H319


 3.2/2 Skin Irrit. 2 H315

 3.4.2/1B Skin Sens. 1B H317


4.1/C3 Aquatic Chronic 3 H412

>= 0.1% - < 0.25% OCTAHYDRO TETRAMETHYL ACETONAPHTONE

REACH No.: 01-2119489989-04, CAS: 54464-57-2, EC: 259-174-3

 3.2/2 Skin Irrit. 2 H315


 3.4.2/1B Skin Sens. 1B H317

 4.1/A1 Aquatic Acute 1 H400

 4.1/C1 Aquatic Chronic 1 H410

>= 0.1% - < 0.25% BENZYL SALICYLATE


REACH No.: 01-2119969442-31, CAS: 118-58-1, EC: 204-262-9

 3.4.2/1B Skin Sens. 1B H317

 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% 2,6-DI-TERT-BUTYL-P-CRESOL

REACH No.: 01-2119565113-46, CAS: 128-37-0, EC: 204-881-4

 4.1/A1 Aquatic Acute 1 H400

 4.1/C1 Aquatic Chronic 1 H410

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### SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.  
Until revision date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.
- 4.3. Indication of any immediate medical attention and special treatment needed  
Treatment:  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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### **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  
The product does not contain ingredients classified as explosive according to Regulation 1272/2008/EC (CLP).  
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.  
The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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### **SECTION 6: Accidental release measures**

- 6.1. Personal precautions, protective equipment and emergency procedures  
Wear personal protection equipment.  
Remove all sources of ignition.  
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. To converge the product in containment tanks.
- 6.4. Reference to other sections  
See also section 8 and 13

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### **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.

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- 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  
Store away from sunlight.  
Store in a cool and well ventilated place.  
Do not store in open or unlabeled containers.  
Keep away from food, drink and feed.  
Incompatible materials:  
See section 10.  
Instructions as regards storage premises:  
Adequately ventilated premises.
- 7.3. Specific end use(s)  
None in particular, see paragraph 1.2

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## SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters  
Until the revision date of this document, no experimental data are available for the mixture.  
Below, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.  
2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0  
ACGIH - LTE(8h): 2 mg/m<sup>3</sup> - Notes: A4, (IFV) - URT irr  
DNEL Exposure Limit Values  
Until the revision date of this document, no experimental data are available for the mixture.  
Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.  
2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0  
Worker Industry: 0.5 mg/kg - Consumer: 0.25 mg/kg - Exposure: Human Dermal -  
Frequency: Long Term, systemic effects - Notes: bw/d  
Worker Industry: 3.5 mg/m<sup>3</sup> - Consumer: 0.86 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
Frequency: Long Term, systemic effects - Notes: bw/d  
Worker Industry: 0.5 mg/kg - Consumer: 0.25 mg/kg - Exposure: Human Oral -  
Frequency: Long Term, systemic effects  
PNEC Exposure Limit Values  
Until the revision date of this document, no experimental data are available for the mixture.  
Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.  
2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0  
Target: Marine water - Value: 0.0000199 mg/l  
Target: Fresh Water - Value: 0.000199 mg/l  
Target: Marine water sediments - Value: 0.00996 mg/kg  
Target: Freshwater sediments - Value: 0.0996 mg/kg  
Target: Soil (agricultural) - Value: 0.04769 mg/kg
- 8.2. Exposure controls  
Eye protection:  
Not needed for normal use. Anyway, operate according good working practices.  
Protection for skin:  
No special precaution must be adopted for normal use.  
Protection for hands:  
Not needed for normal use.  
Respiratory protection:  
Not needed for normal use.  
Thermal Hazards:  
The product is not flammable or explosive - see paragraph 2.1. The product contains no explosive components.

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Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

**Environmental exposure controls:**

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 6.2.

**Appropriate engineering controls:**

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Appearance and colour:	Slightly opalescent liquid, colorless	Visual	--
Odour:	Floral	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	6,0 +/- 0,5	Instrumental control	--
Melting point / freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Initial boiling point and boiling range:	>= 100 °C	--	Estimated value on chemical / physical properties of components
Flash point:	> 65 °C	--	Estimated value on chemical / physical properties of components
Evaporation rate:	Not Relevant	--	Parameter not relevant for the type of product
Solid/gas flammability:	Not Relevant	--	Parameter not relevant for the type of product
Upper/lower flammability or explosive limits:	Not Relevant	--	Parameter not relevant for the type of product
Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Vapour density:	Not Relevant	--	Parameter not relevant for the type of product
Relative density:	1.011 g/ml	Instrumental control	--
Solubility in water:	Total	--	internal tests
Solubility in oil:	Partial	--	internal tests
Partition coefficient (n-octanol/water):	< 1000	--	Value estimated based on the solubility of the mixture.
Auto-ignition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Viscosity:	< 10 cP	--	Estimated indicative value. Not viscous mixture.
Explosive properties:	Not Relevant	--	Parameter not relevant for

			product composition.
Oxidizing properties:	Not Relevant	--	Parameter not relevant for product composition.

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant	--	Parameter not relevant for the type of product
Fat Solubility:	Not Relevant	--	Parameter not relevant for the type of product
Conductivity:	Not Relevant	--	Parameter not relevant for the type of product
Substance Groups relevant properties	Not Relevant	--	Parameter not relevant for the type of product

**SECTION 10: Stability and reactivity**

10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.  
See also section 7.2.

10.4. Conditions to avoid

Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2

10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

10.6. Hazardous decomposition products

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

**SECTION 11: Toxicological information**

11.1. Information on toxicological effects

Toxicological information of the mixture:

Until the revision date of this document, are not available experimental toxicological data on the mixture.

For the classification of the mixture see section 2.1.

Not applicable

Toxicological information of the main substances found in the mixture:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

GERANIOL - CAS: 106-24-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3600 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

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2-METHYL-3-(4-ISOPROPYLPHENYL)PROPANAL - CAS: 103-95-7

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 5000 mg/kg

CYCLOHEXYLIDENE-O-TOLYL-ACETONITRILE - CAS: 916887-53-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 4.07 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg

OCTAHYDRO TETRAMETHYL ACETONAPHTONE - CAS: 54464-57-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

BENZYL SALICYLATE - CAS: 118-58-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2227 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 14150 mg/kg

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 6000 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: OECD 402

b) skin corrosion/irritation:

Test: Skin Irritant Negative

c) serious eye damage/irritation:

Test: Eye Irritant Negative

d) respiratory or skin sensitisation:

Test: Skin or Resp. Sensitization Negative

e) germ cell mutagenicity:

Test: Mutagenesis Negative

f) carcinogenicity:

Test: Carcinogenicity Negative

g) reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Mouse = 100 mg/kg bw/d

i) STOT-repeated exposure:

Test: NOAEL - Species: Rat = 25 mg/kg bw/d - Notes: digestive, urogenital, glandular

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as Not Applicable:

a) acute toxicity;

b) skin corrosion/irritation;

c) serious eye damage/irritation;

d) respiratory or skin sensitisation;

e) germ cell mutagenicity;

f) carcinogenicity;

g) reproductive toxicity;

h) STOT-single exposure;

i) STOT-repeated exposure;

j) aspiration hazard.

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## SECTION 12: Ecological information

### 12.1. Toxicity

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

The environmental hazard of the product are reported in Section 2.1 if applicable.

Until the revision date of this document, are not available experimental data on the mixture.



Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

SCENTED ESSENCES R50/53 M=1

a) Aquatic acute toxicity:

Endpoint: LC50 = 0.11 mg/l

CIS-3-HEXENYL-2-HYDROXYBENZOATE - CAS: 65405-77-8

a) Aquatic acute toxicity:

Endpoint: LC50 = 0.11 mg/l

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 5 mg/l - Duration h: 48 - Notes: Oryzias latipes

Endpoint: EC50 - Species: Daphnia = 0.48 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 6 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: NOEC - Species: Daphnia = 0.15 mg/l

#### 12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture.

Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

Not applicable

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture.

Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0

Bioaccumulation: Not bioaccumulative - Test: Log Pow - Partition coefficient 5.1 -

Duration: Not applicable - Notes: Not applicable

Bioaccumulation: Not bioaccumulative - Test: BCF - Bioconcentration factor 598 -

Duration: Not applicable - Notes: Not applicable

#### 12.4. Mobility in soil

Until the revision date of this document, are not available experimental data on the mixture.

Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

Not applicable

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

vPvB Substances: None - PBT Substances: None

#### 12.6. Other adverse effects

Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

---

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.

See also section 6.

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### **SECTION 14: Transport information**

#### 14.1. UN number

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- Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
Not applicable
- 14.3. Transport hazard class(es)  
Not applicable
- 14.4. Packing group  
Not applicable
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No
- 14.6. Special precautions for user  
Not applicable
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
Not applicable

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#### 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)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:  
None

Where applicable, refer to the following regulatory provisions :

Regulation (EC) nr 648/2004 (detergents).  
1999/13/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, for instructions on safe handling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

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#### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H315 Causes skin irritation.  
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.  
H412 Harmful to aquatic life with long lasting effects.

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H312 Harmful in contact with skin.

H302 Harmful if swallowed.

Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking  
SECTION 2: Hazards identification  
SECTION 3: Composition/information on ingredients  
SECTION 4: First aid measures  
SECTION 5: Firefighting measures  
SECTION 6: Accidental release measures  
SECTION 7: Handling and storage  
SECTION 8: Exposure controls/personal protection  
SECTION 9: Physical and chemical properties  
SECTION 10: Stability and reactivity  
SECTION 11: Toxicological information  
SECTION 12: Ecological information  
SECTION 14: Transport information  
SECTION 15: Regulatory information

The classification of the product is based on conventional calculation method.

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.  
EC0/10/20/50/100: Effective concentration, for 0/10/20/50/100 percent of test population.  
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.  
LC0/10/20/50/100: Lethal concentration, for 0/10/20/50/100 percent of test population.



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LD0/10/20/50/100: Lethal dose, for 0/10/20/50/100 percent of test population.  
LTE: Long-term exposure.  
NOEC: No Observed Effect Concentration  
NOAEL(R)/N: No Observed Adverse Effect Level(Repeated)/Concentration  
OECD: Organisation for Economic Co-operation and Development  
PNEC: Predicted No Effect Concentration.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STE: Short-term exposure.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
WGK: German Water Hazard Class.

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ANNEX I

PROFESSIONAL PRODUCT TRIGGER – AIR FRESHENER

<b>Title of exposure scenario</b>	
Air freshener: Manual process	
<b>Use description</b>	
Sector Use	SU22 – Professional use
Product Category	PC3 – Air treatment products
<b>Description of activities/process considered on exposure scenario.</b>	
Use following the use instruction as specified on the label.	
<b>Frequency and duration</b>	
Use phase	2/4 times a day, depending on the room size and condition.
Relevant limit values of ingredients, if available, are stated in section 8 of the SDS.	
<b>Physical appearance and concentration</b>	
Liquid, ready to use.	
In section 2 of the SDS of product and on the label the classification of mixture is provided.	
Mixture classification is based on ingredients classification and on chemical/physical properties stated in section 9 of the SDS of product.	
<b>Use conditions</b>	
Room temperature	
Good general ventilation at workplace is sufficient.	
Do not damage or puncture the container. Follow instruction specified on the label or on SDS for storage and disposal consideration.	
<b>Protection</b>	
Avoid spray inhalation.	
See section 8 of the SDS of product to more information on PPE.	See section 8 of the SDS of product to more information on PPE.
Don't eat or drink, don't smoke.	Don't eat or drink, don't smoke.
No open flame.	No open flame.
Wash hand after use.	Wash hand after use.
In case of accidental release: dilute with water and dry.	
See section 6 of the SDS in case of accidental release	
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section 7 on the SDS.	
<b>Environmental measures</b>	
See section 6 of the SDS in case of accidental release	
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.	
See section 13 of the SDS for disposal considerations.	

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment