



Safety Data Sheet ESSENCE SPRING

Safety Data Sheet dated 11/3/2014, version 1

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.

Uses advised against:

Do not use in combination with other products.

1.3. Details of the supplier of the safety data sheet

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

None.

R Phrases:

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Symbols:

None

Hazard statements:

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.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contents

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

ALPHA-ISOMETHYL IONONE: May produce an allergic reaction.

GERANIOL: May produce an allergic reaction.

BUTYLPHENYL METHYLPROPIONAL: May produce an allergic reaction.

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

OCTAHYDRO TETRAMETHYL ACETONAPHTONE: May produce an allergic reaction.

(E)-2-(3,5-DIMETHYLHEX-3-EN-2-YLOXY)-2-

METHYLPROPYLCYCLOPROPANECARBOXYLATE: May produce an allergic reaction.

Safety Data Sheet

ESSENCE SPRING

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

2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE (ISOMER): 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

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

>= 1% - < 3% SCENTED ESSENCES R51/53

N; R51/53

⚠ 4.1/C2 Aquatic Chronic 2 H411

>= 0.25% - < 0.5% CYCLOHEXYLIDENE-O-TOLYL-ACETONITRILE

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

Xi; R43

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

>= 0.25% - < 0.5% ALPHA-ISOMETHYL IONONE

CAS: 127-51-5, EC: 204-846-3

Xi,N; R36/38-43-51/53

⚠ 3.3/2 Eye Irrit. 2 H319

⚠ 3.2/2 Skin Irrit. 2 H315

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

⚠ 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% GERANIOL

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

Xi; R41-38-43

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

⚠ 3.3/1 Eye Dam. 1 H318

⚠ 3.2/2 Skin Irrit. 2 H315

>= 0.1% - < 0.25% BUTYLPHENYL METHYLPROPIONAL

REACH No.: 01-2119485965-18, CAS: 80-54-6, EC: 201-289-8

Xn,Xi,N; R62-51/53-22-43-38

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.7/2 Repr. 2 H361f

⚠ 3.2/2 Skin Irrit. 2 H315

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

⚠ 4.1/C2 Aquatic Chronic 2 H411

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

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

Safety Data Sheet

ESSENCE SPRING

Xi,N; R50/53-43

- ⚠ 3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317
- ⚠ 4.1/A1 Aquatic Acute 1 H400
- ⚠ 4.1/C1 Aquatic Chronic 1 H410

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

- REACH No.: 01-2119970582-32, CAS: 103-95-7, EC: 203-161-7
Xi,N; R51/53-38-43
- ⚠ 3.2/2 Skin Irrit. 2 H315
 - ⚠ 3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317
 - ⚠ 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25%

(E)-2-(3,5-DIMETHYLHEX-3-EN-2-YLOXY)-2-METHYLPROPYLCYCLOPROPANECARBOXYLATE

- REACH No.: 01-2119407467-38, CAS: 676532-44-8, EC: 700-118-9
Xi,N; R43-51/53
- ⚠ 3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317
 - ⚠ 4.1/C2 Aquatic Chronic 2 H411

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

- CAS: 68039-49-6, EC: 268-264-1
Xi; R36/38-43-52/53
- ⚠ 3.3/2 Eye Irrit. 2 H319
 - ⚠ 3.2/2 Skin Irrit. 2 H315
 - ⚠ 3.4.2/1-1A-1B Skin Sens. 1, 1A, 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
Xi,N; R38-43-51/53
- ⚠ 3.2/2 Skin Irrit. 2 H315
 - ⚠ 3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317
 - ⚠ 4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% BENZYL SALICYLATE

- REACH No.: 01-2119969442-31, CAS: 118-58-1, EC: 204-262-9
Xi,N; R43-51/53
- ⚠ 3.4.2/1-1A-1B Skin Sens. 1, 1A, 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
N; R50/53
- ⚠ 4.1/A1 Aquatic Acute 1 H400
 - ⚠ 4.1/C1 Aquatic Chronic 1 H410

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.

Safety Data Sheet

ESSENCE SPRING

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
Treatment:
None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

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

Store away from sunlight.

Store in a cool and well ventilated place.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Safety Data Sheet

ESSENCE SPRING

Adequately ventilated premises.

- 7.3. Specific end use(s)
None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

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

Worker Industry: 0.5 mg/kg - Exposure: Human Dermal - Notes: bw/d

Worker Industry: 3.5 mg/kg - Exposure: Human Inhalation - Notes: bw/d

PNEC Exposure Limit Values

N.A.

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:

None

Environmental exposure controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance and colour: Slightly opalescent liquid, colorless

Odour: Floral

Odour threshold: Evident

pH: 6,0 +/- 0,5

Melting point / freezing point: N.A.

Initial boiling point and boiling range: >= 100 °C

Solid/gas flammability: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Flash point: > 65 °C

Evaporation rate: N.A.

Vapour pressure: N.A.

Relative density: 1,011 g/ml

Solubility in water: Total

Solubility in oil: Partial

Partition coefficient (n-octanol/water): < 1000

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: < 10 cP

Explosive properties: N.A.

Oxidizing properties: N.A.

9.2. Other information

Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: N.A.

Substance Groups relevant properties Not Relevant

Safety Data Sheet
ESSENCE SPRING

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 mixture:
N.A.

Toxicological information of the main substances found in the mixture:

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

ALPHA-ISOMETHYL IONONE - CAS: 127-51-5

a) acute toxicity:

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

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

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

BUTYLPHENYL METHYLPROPIONAL - CAS: 80-54-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1390 mg/kg

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

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

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 > 2930 mg/kg - Notes: Dati sperimentali/calcolati

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Notes: Dati sperimentali/calcolati

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

a) acute toxicity;

b) skin corrosion/irritation;

Safety Data Sheet

ESSENCE SPRING

- 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.

SECTION 12: Ecological information

12.1. Toxicity

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

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 = 0.199 mg/l - Duration h: 96

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

Endpoint: EC50 - Species: Algae = 0.758 mg/l - Duration h: 96

12.2. Persistence and degradability

None

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

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.

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.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

Marine pollutant: No

N.A.

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

SECTION 15: Regulatory information

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

Safety Data Sheet

ESSENCE SPRING

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)

Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Dir. 2006/8/EC

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP)

Regulation (EU) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 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 :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of phrases referred to in Section 3:

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

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.

R62 Possible risk of impaired fertility.

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H361f Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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

CCNL - Appendix 1

Insert further consulted bibliography



Safety Data Sheet

ESSENCE SPRING

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.
LTE:	Long-term exposure.
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.