



Safety Data Sheet ESSENCE WINTER

Safety Data Sheet dated 4/8/2016, version 2

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

1.1. Product identifier

Mixture identification

Trade name: ESSENCE WINTER

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

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

OCTAHYDRO TETRAMETHYL ACETONAPHTONE: May produce an allergic reaction.

HEXYL CINNAMAL: May produce an allergic reaction.

CINEOLE: May produce an allergic reaction.

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

CITRONELLOL: May produce an allergic reaction.

METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

Safety Data Sheet ESSENCE WINTER

- 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


Not Applicable, the product is a mixture.


3.2. Mixtures


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


>= 0.5% - < 1% 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


>= 0.5% - < 1% SCENTED ESSENCES R50/53 M=1

 4.1/A1 Aquatic Acute 1 H400 M=1.

 4.1/C1 Aquatic Chronic 1 H410 M=1.

>= 0.5% - < 1% HEXYL CINNAMAL

REACH No.: 01-2119533092-50, CAS: 101-86-0, EC: 202-983-3

 4.1/C1 Aquatic Chronic 1 H410 M=1.

 4.1/A1 Aquatic Acute 1 H400 M=1.

 3.4.2/1B Skin Sens. 1B H317

>= 0.25% - < 0.5% CINEOLE


REACH No.: 01-2119967772-24, CAS: 470-82-6, EC: 207-431-5

 2.6/3 Flam. Liq. 3 H226


 3.4.2/1B Skin Sens. 1B H317

>= 0.25% - < 0.5% 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


Safety Data Sheet

ESSENCE WINTER


>= 0.1% - < 0.25% CITRONELLOL

REACH No.: 01-2119453995-23, CAS: 106-22-9, EC: 203-375-0

 3.2/2 Skin Irrit. 2 H315


 3.3/2 Eye Irrit. 2 H319


 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

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.

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

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 .

Safety Data Sheet

ESSENCE WINTER

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).

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

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.
 - 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

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.
 - CINEOLE - CAS: 470-82-6
 - ACGIH - LTE(8h): 713 mg/m³ - STE(15min): 950 mg/m³ - Notes: TLV
 - 2,6-DI-TERT-BUTYL-P-CRESOL - CAS: 128-37-0
 - ACGIH - LTE(8h): 2 mg/m³ - Notes: A4, (IFV) - URT irr
 - DNEL Exposure Limit Values
 - Until the revision date of this document, no experimental data are available for the mixture.

Safety Data Sheet
ESSENCE WINTER

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/m³ - Consumer: 0.86 mg/m³ - 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.

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/yellow | Visual | -- |
| Odour: | Balsamic wood | 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.

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

HEXYL CINNAMAL - CAS: 101-86-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 2300 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 4h

CINEOLE - CAS: 470-82-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rabbit = 3200 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 17600 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 390 ppm - Duration: 4h

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

CITRONELLOL - CAS: 106-22-9

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3450 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 2650 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:

Safety Data Sheet

ESSENCE WINTER

- 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.

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

HEXYL CINNAMAL - CAS: 101-86-0

a) Aquatic acute toxicity:

Endpoint: LC50 = 0.11 mg/l

CINEOLE - CAS: 470-82-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 17 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia = 73 mg/l - Duration h: 24 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 320 mg/l - Duration h: 96 - Notes: Scenedesmus subspicatus

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

Safety Data Sheet

ESSENCE WINTER

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.

SECTION 14: Transport information

14.1. UN number

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

Safety Data Sheet
ESSENCE WINTER

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

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.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H226 Flammable liquid and vapour.
H411 Toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.

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. |
| 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 |
| OAEC: | |
| 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. |



Safety Data Sheet
ESSENCE WINTER

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day.
(ACGIH Standard).
WGK: German Water Hazard Class.

Safety Data Sheet
ESSENCE WINTER



ANNEX I

PROFESSIONAL PRODUCT TRIGGER – AIR FRESHENER

| | |
|---|---|
| Title of exposure scenario | |
| Air freshener: Manual process | |
| Use description | |
| Sector Use | SU22 – Professional use |
| Product Category | PC3 – Air treatment products |
| Description of activities/process considered on exposure scenario. | |
| Use following the use instruction as specified on the label. | |
| Frequency and duration | |
| 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. | |
| Physical appearance and concentration | |
| 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. | |
| Use conditions | |
| 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. | |
| Protection | |
| 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. | |
| Environmental measures | |
| 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