

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

## Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

**1.1. Product identifier**

Code: 003\_328  
Product name: DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'  
UFI: QRQC-J6JS-F006-XWV4

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

| Identified Uses | Industrial | Professional | Consumer |
|-----------------|------------|--------------|----------|
| Room deodorant  | -          | -            | ✓        |

**Uses Advised Against**

Do not use for uses other than those indicated

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

Name: BERGEN S.r.l.  
Full address: VIA ROMA, 90  
District and Country: 37060 CASTEL D'AZZANO (VR)  
Italia  
Tel. +39 045512090  
  
www.bergen.it

e-mail address of the competent person  
responsible for the Safety Data Sheet

info@bergen.it

**1.4. Emergency telephone number**

For urgent inquiries refer to: BERGEN S.r.l.  
  
+39 045512090  
  
(08.30 - 17.30)

### SECTION 2. Hazards identification

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

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Aerosol, category 2

H223  
H229Flammable aerosol.  
Pressurised container: may burst if heated.

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'****2.2. Label elements**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Warning

Hazard statements:

**H223** Flammable aerosol.  
**H229** Pressurised container: may burst if heated.  
**EUH208** Contains: LINALYL ACETATE, 3,7-DIMETHYLOCTAN-3-OL  
May produce an allergic reaction.

Precautionary statements:

**P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
**P251** Do not pierce or burn, even after use.  
**P410+P412** Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.  
**P211** Do not spray on an open flame or other ignition source.  
**P102** Keep out of reach of children.  
**P101** If medical advice is needed, have product container or label at hand.

**2.3. Other hazards**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

**SECTION 3. Composition/information on ingredients****3.1. Substances**

Information not relevant

**3.2. Mixtures**

Contains:

| Identification | x = Conc. %        | Classification (EC) 1272/2008 (CLP)                                                                       |
|----------------|--------------------|-----------------------------------------------------------------------------------------------------------|
| <b>BUTANE</b>  |                    |                                                                                                           |
| CAS 106-97-8   | $15 \leq x < 16,5$ | Flam. Gas 1A H220, Press. Gas H280, Classification note according to Annex VI to the CLP Regulation: C, U |

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

EC 203-448-7

INDEX 601-004-00-0

REACH Reg. 01-2119474691-32

**PROPANE**CAS 74-98-6  $8 \leq x < 9$ 

Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U

EC 200-827-9

INDEX 601-003-00-5

REACH Reg. 01-2119486944-21

**isobutane**CAS 75-28-5  $5 \leq x < 6$ 

Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C, U

EC 200-857-2

INDEX 601-004-00-0

REACH Reg. 01-2119485395-27

**3,7-DIMETHYLOCTAN-3-OL**CAS 78-69-3  $0,05 \leq x < 0,1$ 

Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317

EC 201-133-9

INDEX -

REACH Reg. 01-2119454788-21

**LINALYL ACETATE**CAS 115-95-7  $0,05 \leq x < 0,1$ 

Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317

EC 204-116-4

INDEX -

REACH Reg. 01-2119454789-19

The full wording of hazard (H) phrases is given in section 16 of the sheet.

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 30,25 %

**SECTION 4. First aid measures****4.1. Description of first aid measures**

No episodes of harm to the staff authorised to use the product have been reported. The following general measures should be adopted as necessary:

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Do not give anything by mouth to an unconscious person.

EYES and SKIN: Wash with plenty of water. In the event of persistent irritation, get medical advice/attention.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'****SECTION 5. Firefighting measures****5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

**UNSUITABLE EXTINGUISHING EQUIPMENT**

None in particular.

**5.2. Special hazards arising from the substance or mixture****HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

**5.3. Advice for firefighters****GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

**6.2. Environmental precautions**

Do not disperse in the environment.

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

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use.

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| BERGEN S.r.l.                                                    | Revision nr. 1        |
|                                                                  | Dated 11/05/2023      |
|                                                                  | First compilation     |
| 003_328 - DEODORANTE AMBIENTE ETNÌA MENTA E BASILICO CREATIVITA' | Printed on 11/05/2023 |
|                                                                  | 5/19                  |

Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

Storage class TRGS 510 (Germany):  
2B

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

|     |                             |                                                                                                                                                                                                                                                                                                                                                          |
|-----|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BGR | България                    | НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ, СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17 Януари 2020г.)                                                                                                                                                                                           |
| DEU | Deutschland                 | Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56                                                                                                                            |
| DNK | Danmark                     | Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019                                                                                                                                                                                                                                                                    |
| ESP | España                      | Límites de exposición profesional para agentes químicos en España 2021                                                                                                                                                                                                                                                                                   |
| FRA | France                      | Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS                                                                                                                                                                                                                                                               |
| FIN | Suomi                       | HTP-VÄRDEN 2020. Koncentrationer som befunnits skadliga. SOCIAL - OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 2020:25                                                                                                                                                                                                                                       |
| GRC | Ελλάδα                      | Π.Δ. 26/2020 (ΦΕΚ 50/Α΄ 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαξιογόνους παράγοντες κατά την εργασία``» |
| HUN | Magyarország                | Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelete a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről                                                                                                                                                                      |
| HRV | Hrvatska                    | Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)                                                                                                                                                           |
| NLD | Nederland                   | Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit                                                                                                                                                                                    |
| POL | Polska                      | Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy                                                                                                                                      |
| ROU | România                     | Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea și completarea hotărârii guvernului nr. 1.093/2006                                                                                                                                                                                            |
| SVN | Slovenija                   | Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)                                                                                                                                                                  |
| GBR | United Kingdom<br>TLV-ACGIH | EH40/2005 Workplace exposure limits (Fourth Edition 2020)<br>ACGIH 2021                                                                                                                                                                                                                                                                                  |

| BUTANE                |         |        |      |            |      |                        |
|-----------------------|---------|--------|------|------------|------|------------------------|
| Threshold Limit Value |         |        |      |            |      |                        |
| Type                  | Country | TWA/8h |      | STEL/15min |      | Remarks / Observations |
|                       |         | mg/m3  | ppm  | mg/m3      | ppm  |                        |
| TLV                   | BGR     | 1900   |      |            |      |                        |
| AGW                   | DEU     | 2400   | 1000 | 9600       | 4000 |                        |
| MAK                   | DEU     | 2400   | 1000 | 9600       | 4000 |                        |
| TLV                   | DNK     | 1200   | 500  |            |      |                        |

|                                                                  |         |        |            |       |                        |  |
|------------------------------------------------------------------|---------|--------|------------|-------|------------------------|--|
| BERGEN S.r.l.                                                    |         |        |            |       | Revision nr. 1         |  |
|                                                                  |         |        |            |       | Dated 11/05/2023       |  |
|                                                                  |         |        |            |       | First compilation      |  |
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|                                                                  |         |        |            |       | 6/19                   |  |
|                                                                  |         |        |            |       |                        |  |
| VLA                                                              | ESP     | 1000   | Gases      |       |                        |  |
| VLEP                                                             | FRA     | 1900   | 800        |       |                        |  |
| HTP                                                              | FIN     | 1900   | 800        | 2400  | 1000                   |  |
| TLV                                                              | GRC     | 2350   | 1000       |       |                        |  |
| AK                                                               | HUN     | 2350   | 9400       |       |                        |  |
| GVI/KGVI                                                         | HRV     | 1450   | 600        | 1810  | 750                    |  |
| TGG                                                              | NLD     | 1430   |            |       |                        |  |
| NDS/NDSCh                                                        | POL     | 1900   | 3000       |       |                        |  |
| MV                                                               | SVN     | 2400   | 1000       | 9600  | 4000                   |  |
| WEL                                                              | GBR     | 1450   | 600        | 1810  | 750                    |  |
| WEL                                                              | GBR     | 4      | RESP       |       |                        |  |
| TLV-ACGIH                                                        |         |        |            |       | 1000                   |  |
| PROPANE                                                          |         |        |            |       |                        |  |
| Threshold Limit Value                                            |         |        |            |       |                        |  |
| Type                                                             | Country | TWA/8h | STEL/15min |       | Remarks / Observations |  |
|                                                                  |         | mg/m3  | ppm        | mg/m3 | ppm                    |  |
| TLV                                                              | BGR     | 1800   |            |       |                        |  |
| AGW                                                              | DEU     | 1800   | 1000       | 7200  | 4000                   |  |
| MAK                                                              | DEU     | 1800   | 1000       | 7200  | 4000                   |  |
| TLV                                                              | DNK     | 1800   | 1000       |       |                        |  |
| VLA                                                              | ESP     | 1000   |            |       |                        |  |
| HTP                                                              | FIN     | 1500   | 800        | 2000  | 1100                   |  |
| TLV                                                              | GRC     | 1800   | 1000       |       |                        |  |
| NDS/NDSCh                                                        | POL     | 1800   |            |       |                        |  |
| TLV                                                              | ROU     | 1400   | 778        | 1800  | 1000                   |  |
| MV                                                               | SVN     | 1800   | 1000       | 7200  | 4000                   |  |
| isobutane                                                        |         |        |            |       |                        |  |
| Threshold Limit Value                                            |         |        |            |       |                        |  |
| Type                                                             | Country | TWA/8h | STEL/15min |       | Remarks / Observations |  |
|                                                                  |         | mg/m3  | ppm        | mg/m3 | ppm                    |  |
| AGW                                                              | DEU     | 2400   | 1000       | 9600  | 4000                   |  |
| MAK                                                              | DEU     | 2400   | 1000       | 9600  | 4000                   |  |
| HTP                                                              | FIN     | 1900   | 800        | 2400  | 1000                   |  |
| LINALYL ACETATE                                                  |         |        |            |       |                        |  |
| Predicted no-effect concentration - PNEC                         |         |        |            |       |                        |  |
| Normal value in fresh water                                      |         |        |            | 0,011 | mg/l                   |  |
| Normal value in marine water                                     |         |        |            | 0,001 | mg/l                   |  |
| Normal value for fresh water sediment                            |         |        |            | 0,609 | mg/kg                  |  |
| Normal value for marine water sediment                           |         |        |            | 0,061 | mg/kg                  |  |
| Normal value for water, intermittent release                     |         |        |            | 0,11  | mg/l                   |  |

|                                                |                      |                |               |                  |                    |                |               |                  |
|------------------------------------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| Normal value of STP microorganisms             |                      |                |               | 10               | mg/l               |                |               |                  |
| Normal value for the terrestrial compartment   |                      |                |               | 0,115            | mg/kg              |                |               |                  |
| Health - Derived no-effect level - DNEL / DMEL |                      |                |               |                  |                    |                |               |                  |
|                                                | Effects on consumers |                |               |                  | Effects on workers |                |               |                  |
| Route of exposure                              | Acute local          | Acute systemic | Chronic local | Chronic systemic | Acute local        | Acute systemic | Chronic local | Chronic systemic |
| Oral                                           |                      |                |               | 0,2 mg/kg bw/d   |                    |                |               |                  |
| Inhalation                                     |                      |                |               | 0,68 mg/m3       |                    |                |               | 2,75 mg/m3       |
| Skin                                           | 8 mg/cm2             |                | 8 mg/cm2      | 1,25 mg/kg bw/d  |                    |                | 8 mg/cm2      | 2,5 mg/kg bw/d   |

| 3,7-DIMETHYLOCTAN-3-OL                         |                      |                |               |                  |                    |                |               |                  |
|------------------------------------------------|----------------------|----------------|---------------|------------------|--------------------|----------------|---------------|------------------|
| Predicted no-effect concentration - PNEC       |                      |                |               |                  |                    |                |               |                  |
| Normal value in fresh water                    | 0,009                |                |               | mg/l             |                    |                |               |                  |
| Normal value in marine water                   | 0,001                |                |               | mg/l             |                    |                |               |                  |
| Normal value for fresh water sediment          | 0,082                |                |               | mg/kg            |                    |                |               |                  |
| Normal value for marine water sediment         | 0,008                |                |               | mg/kg            |                    |                |               |                  |
| Normal value for water, intermittent release   | 0,089                |                |               | mg/l             |                    |                |               |                  |
| Normal value of STP microorganisms             | 450                  |                |               | mg/l             |                    |                |               |                  |
| Normal value for the terrestrial compartment   | 0,011                |                |               | mg/kg            |                    |                |               |                  |
| Health - Derived no-effect level - DNEL / DMEL |                      |                |               |                  |                    |                |               |                  |
| Route of exposure                              | Effects on consumers |                |               |                  | Effects on workers |                |               |                  |
|                                                | Acute local          | Acute systemic | Chronic local | Chronic systemic | Acute local        | Acute systemic | Chronic local | Chronic systemic |
| Oral                                           |                      |                |               | 0,2 mg/kg bw/d   |                    |                |               |                  |
| Inhalation                                     |                      |                |               | 0,68 mg/m3       |                    |                |               | 2,75 mg/m3       |
| Skin                                           | 2,76 mg/cm2          |                | 2,76 mg/cm2   | 1,25 mg/kg bw/d  | 2,76 mg/cm2        |                | 2,76 mg/cm2   | 2,5 mg/kg bw/d   |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

HAND PROTECTION

None required.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'****EYE PROTECTION**

Wear airtight protective goggles (see standard EN 166).

**RESPIRATORY PROTECTION**

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

**ENVIRONMENTAL EXPOSURE CONTROLS**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

| Properties                             | Value                     | Information                                                                                                       |
|----------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| Appearance                             | aerosol                   |                                                                                                                   |
| Colour                                 | transparent               |                                                                                                                   |
| Odour                                  | characteristic            | Method:internal                                                                                                   |
| Melting point / freezing point         | -159 °C                   | Method:not specified<br>Remark:propellant                                                                         |
| Initial boiling point                  | -16 °C                    | Method:not specified<br>Remark:propellant                                                                         |
| Flammability                           | Flammable aerosol         | Method:BGPF12                                                                                                     |
| Lower explosive limit                  | 1,4                       | Method:Not specified<br>Remark:propellant                                                                         |
| Upper explosive limit                  | 11,2                      | Method:Not specified<br>Remark:propellant                                                                         |
| Flash point                            | not available             | Reason for missing data:substance/mixture is a gas                                                                |
| Auto-ignition temperature              | 470 °C                    | Method:not specified<br>Remark:propellant                                                                         |
| Decomposition temperature              | not available             | Reason for missing data:does not apply to inorganic and ionic liquids and, as a rule, it does not apply to blends |
| pH                                     | 6,95                      | Remark:value referred to the liquid phase                                                                         |
| Kinematic viscosity                    | not available             | Reason for missing data:substance/mixture is a gas                                                                |
| Solubility                             | not available             | Reason for missing data:substance/mixture is a gas                                                                |
| Partition coefficient: n-octanol/water | 2,79                      | Method:not specified<br>Remark:propellant                                                                         |
| Vapour pressure                        | da 2,5 a 3,2 Bar          |                                                                                                                   |
| Density and/or relative density        | 1,005 g/cm3               | Method:internal<br>Remark:liquid phase                                                                            |
| Relative vapour density                | >1                        | Method:not specified<br>Remark:propellant                                                                         |
| Particle characteristics               |                           |                                                                                                                   |
| Method:                                | It only applies to solids |                                                                                                                   |
| Size distribution                      |                           |                                                                                                                   |
| Method:                                | It only applies to solids |                                                                                                                   |



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Dustiness

Method: It only applies to solids

Specific surface area

Method: It only applies to solids

Shape

Method: It only applies to solids

**9.2. Other information****9.2.1. Information with regard to physical hazard classes**

Information not available

**9.2.2. Other safety characteristics**

|                      |                                           |                       |
|----------------------|-------------------------------------------|-----------------------|
| Explosive properties | Lower propelled explosion<br>limit: 1.4 % | Method: not specified |
|----------------------|-------------------------------------------|-----------------------|

|                      |                       |                  |
|----------------------|-----------------------|------------------|
| Oxidising properties | No oxidizing property | Method: internal |
|----------------------|-----------------------|------------------|

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

**10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**

No hazardous reactions are foreseeable in normal conditions of use and storage.

**10.4. Conditions to avoid**

Avoid overheating.

**10.5. Incompatible materials**

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

**10.6. Hazardous decomposition products**

Information not available

**SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

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It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| ATE (Inhalation) of the mixture: | Not classified (no significant component) |
| ATE (Oral) of the mixture:       | Not classified (no significant component) |
| ATE (Dermal) of the mixture:     | Not classified (no significant component) |

**BUTANE**

|                        |           |
|------------------------|-----------|
| LC50 (Inhalation gas): | 1443 mg/l |
|------------------------|-----------|

**isobutane**

|                        |           |
|------------------------|-----------|
| LC50 (Inhalation gas): | 1443 mg/l |
|------------------------|-----------|

**LINALYL ACETATE**

|                |                     |
|----------------|---------------------|
| LD50 (Dermal): | > 5000 mg/kg rabbit |
| LD50 (Oral):   | > 9000 mg/kg rat    |

**3,7-DIMETHYLOCTAN-3-OL**

|                |                     |
|----------------|---------------------|
| LD50 (Dermal): | > 5000 mg/kg rabbit |
|----------------|---------------------|

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO  
CREATIVITA'**

LD50 (Oral): 10 mL/kg bw rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

LINALYL ACETATE

3,7-DIMETHYLOCTAN-3-OL

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO  
CREATIVITA'**Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**12.1. Toxicity****BUTANE**

|                                   |                |
|-----------------------------------|----------------|
| LC50 - for Fish                   | 24,11 mg/l/96h |
| EC50 - for Crustacea              | 7,02 mg/l/48h  |
| EC50 - for Algae / Aquatic Plants | 7,71 mg/l/72h  |

**LINALYL ACETATE**

|                                         |             |
|-----------------------------------------|-------------|
| LC50 - for Fish                         | 11 mg/l/96h |
| EC50 - for Crustacea                    | 15 mg/l/48h |
| EC50 - for Algae / Aquatic Plants       | 62 mg/l/72h |
| Chronic NOEC for Fish                   | 10 mg/l     |
| Chronic NOEC for Crustacea              | 10 mg/l     |
| Chronic NOEC for Algae / Aquatic Plants | 9,6 mg/l    |

**PROPANE**

|                                   |                |
|-----------------------------------|----------------|
| LC50 - for Fish                   | 24,11 mg/l/96h |
| EC50 - for Crustacea              | 7,02 mg/l/96h  |
| EC50 - for Algae / Aquatic Plants | 7,71 mg/l/72h  |

**isobutane**

|                                   |                |
|-----------------------------------|----------------|
| LC50 - for Fish                   | 24,11 mg/l/96h |
| EC50 - for Algae / Aquatic Plants | 7,71 mg/l/72h  |

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

## 3,7-DIMETHYLOCTAN-3-OL

LC50 - for Fish

8,9 mg/l/96h Danio renio

EC50 - for Crustacea

14,2 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

13,2 mg/l/72h Desmodesmus subspicatus

Chronic NOEC for Fish

5 mg/l Danio renio

Chronic NOEC for Crustacea

8,2 mg/l Daphnia magna

Chronic NOEC for Algae / Aquatic Plants

8,5 mg/l Desmodesmus subspicatus

**12.2. Persistence and degradability**

## BUTANE

Solubility in water

0,1 - 100 mg/l

Rapidly degradable

## LINALYL ACETATE

Rapidly degradable

## PROPANE

Solubility in water

0,1 - 100 mg/l

Rapidly degradable

## 3,7-DIMETHYLOCTAN-3-OL

Rapidly degradable

**12.3. Bioaccumulative potential**

## BUTANE

Partition coefficient: n-octanol/water

1,09

## LINALYL ACETATE

BCF

173,9 l/kg

## PROPANE

Partition coefficient: n-octanol/water

1,09

## 3,7-DIMETHYLOCTAN-3-OL

BCF

99,87 l/kg

**12.4. Mobility in soil**

## LINALYL ACETATE

Partition coefficient: soil/water

2,71

## 3,7-DIMETHYLOCTAN-3-OL

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

Partition coefficient: soil/water

1,75

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

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

**12.6. Endocrine disrupting properties**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**

Information not available

**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

**CONTAMINATED PACKAGING**

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**SECTION 14. Transport information****14.1. UN number or ID number**

ADR / RID, IMDG, IATA: 1950

**14.2. UN proper shipping name**

ADR / RID: AEROSOLS

IMDG: AEROSOLS

IATA: AEROSOLS, FLAMMABLE

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

ADR / RID: Class: 2 Label: 2.1

IMDG: Class: 2 Label: 2.1

IATA: Class: 2 Label: 2.1

**14.4. Packing group**

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

ADR / RID, IMDG, IATA: -

**14.5. Environmental hazards**

ADR / RID: NO  
IMDG: NO  
IATA: NO

**14.6. Special precautions for user**

|            |                                       |                          |                              |
|------------|---------------------------------------|--------------------------|------------------------------|
| ADR / RID: | HIN - Kemler: --                      | Limited Quantities: 1 L  | Tunnel restriction code: (D) |
|            | Special provision: 190, 327, 344, 625 |                          |                              |
| IMDG:      | EMS: F-D, S-U                         | Limited Quantities: 1 L  |                              |
| IATA:      | Cargo:                                | Maximum quantity: 150 Kg | Packaging instructions: 203  |
|            | Pass.:                                | Maximum quantity: 75 Kg  | Packaging instructions: 203  |
|            | Special provision:                    | A145, A167, A802         |                              |

**14.7. Maritime transport in bulk according to IMO instruments**

Information not relevant

**SECTION 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso Category - Directive 2012/18/EU: P3a

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product  
Point 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)



**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 1: Low hazard to waters

## 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

## SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |                                                   |
|--------------------------|---------------------------------------------------|
| <b>Flam. Gas 1A</b>      | Flammable gas, category 1A                        |
| <b>Aerosol 2</b>         | Aerosol, category 2                               |
| <b>Aerosol 3</b>         | Aerosol, category 3                               |
| <b>Press. Gas</b>        | Pressurised gas                                   |
| <b>Press. Gas (Liq.)</b> | Liquefied gas                                     |
| <b>Eye Irrit. 2</b>      | Eye irritation, category 2                        |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2                       |
| <b>Skin Sens. 1B</b>     | Skin sensitization, category 1B                   |
| <b>H220</b>              | Extremely flammable gas.                          |
| <b>H223</b>              | Flammable aerosol.                                |
| <b>H229</b>              | Pressurised container: may burst if heated.       |
| <b>H280</b>              | Contains gas under pressure; may burst if heated. |

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO CREATIVITA'**

|             |                                      |
|-------------|--------------------------------------|
| <b>H319</b> | Causes serious eye irritation.       |
| <b>H315</b> | Causes skin irritation.              |
| <b>H317</b> | May cause an allergic skin reaction. |

## LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

## GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
  4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
  7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
  8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
  9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
  10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
  11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
  12. Regulation (EU) 2016/1179 (IX Atp. CLP)
  13. Regulation (EU) 2017/776 (X Atp. CLP)
  14. Regulation (EU) 2018/669 (XI Atp. CLP)
  15. Regulation (EU) 2019/521 (XII Atp. CLP)
  16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
  17. Regulation (EU) 2019/1148
  18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
  19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
  20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
  21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology

**003\_328 - DEODORANTE AMBIENTE ETNIA MENTA E BASILICO  
CREATIVITA'**

- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**CALCULATION METHODS FOR CLASSIFICATION**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)