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| | SCENTED CANDLE – VIVO' | |

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31 (REACH) Annex II – (UE) 2015/830

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Commercial name: SCENTED CANDLE – VIVO'

UFI code: -

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

Intended use: Ambient scented candle.

1.3 Company identification

| | |
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| Name | Ugento Srl |
| Full Address / Country | Località Fontanelle 73059 Ugento -LE- Phone + 39 0833 931002 VAT n. 03342840752 |

e-mail address of the competent person responsible for the Safety Data Sheet:
info@vivosaresort.com

1.4 Emergency telephone number: Phone + 39 0833 931002 Ugento Srl 9am to 6pm GMT+1.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This product is dangerous under Regulation (CE) 1272/2008 (CLP) (and subsequent amendments). Therefore, this product requires a safety data sheet according to the Regulation (EC) 1907/2006 and subsequent amendments. You can find further information on health and/or environmental hazards in sections 11 and 12 of this sheet.

Classification and warning information:

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Danger labeling under Regulation (CE) 1272/2008 and following amendments and adjustments.

Hazard pictogram(s): None

Signal word(s): None

Hazard statement(s):

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains: [3R-(3 α ,3 β ,7 β ,8 α)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
May produce an allergic reaction.

Precautionary statement(s):

P102 Keep out of reach of children.

P273 Avoid release to the environment.

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

2.3 Other hazards

Warning! The melt product is at high temperature and it can cause risk of burnings. The liquid product can create slippery surfaces (floors).

High concentrations of fumes or dusts of this product may possibly cause irritation of the eyes and respiratory tract.

Based on the available data, the product does not contain PBT or vPvB percentage \geq 0.1%.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Contains:

| Name. | Conc. %. | Classification 1272/2008 (CLP). |
|---|----------|---------------------------------|
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one | | |

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CAS 68155-66-8 0,4 Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Chronic 1 H410 M=1
CE 915-730-3
INDEX
Reach numb. 01-2119489989-04-xxxx
[3R-(3α,3αβ,7β,8αα)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one
CAS 32388-55-9 0,4 Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
CE 251-020-3
INDEX
Reach numb. 01-2119969651-28-xxxx

The full text of hazard statements (H) is specified in section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

The first-aid measures are significantly different depending on whether the product is at room temperature or at elevated temperatures (melted).

EYES: Remove any contact lenses. Wash with plenty of water at least for 15 minutes; if the irritation persists, seek medical advice. Do not make any attempt to remove the solid product.

SKIN: the hot melt can cause burns. Depending on the damage, remove contaminated clothing and wash with cold water.

After cooling do not attempt to remove the product from the skin, because it forms a protection for the burned area.

INHALATION: In case of illness due to exposure to high concentrations of fumes and vapours, transported the person outdoor, keep at rest and seek medical attention.

INGESTION: Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

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

See section 11 for more detailed information on health effects and symptoms.

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

Seek medical attention when indicated at the paragraph 4.1.

See section 11 for more detailed information on health effects and symptoms.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

SUITABLE EXTINGUISHING

Extinguishing media are: carbon dioxide, foam, dry chemical. For leakage and spills, water spray may be used to disperse the flammable vapors and protect the people involved in stopping the loss.

EXTINGUISHING MEDIA NOT SUITABLE

Do not use water jet. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDOUS COMBUSTION PRODUCTS

Special hazards during firefighting: Build-up of dangerous/toxic fumes from the substance possible in cases of fire/high temperature. Exposure to decomposition products may be a hazard to health. (oxides of carbon, toxic pyrolysis products, etc.)

5.3. Advice for firefighters.

GENERAL INFORMATION

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

EQUIPMENT

Normal clothing to fight the fire, like an open circuit breathing apparatus with compressed air (EN 137), complete with flame retardant (EN469) flame-resistant gloves (EN 659) and boots Firefighter (HO A29 or A30).

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

Do not handle a damaged container or the leaked product without first wearing the appropriate protective equipment. For information on the risks about health and environment, protection of the respiratory track, ventilation and equipment of protection, please refer to other sections of this sheet.

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6.2. Environmental precautions.

Should not be released into the environment. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up.

Absorb spillage with suitable absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations (see section 13). Ventilate the area. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6.4. Reference to other sections.

For personal protection, see section 8. For waste disposal, see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling.

Keep away from heat, sparks and flames, do not smoke, do not use matches or lighters. Handle the product after consulting all other sections of this MSDS. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke while handling it.

7.2. Conditions for safe storage, including any incompatibilities.

Store in closed containers labeled. Store in a well-ventilated place. Do not store the solid product (candles) on pallets in hot places or in direct sunlight; the heat can cause the softening of the products and cause instability of the material stacked on the pallets with the risk of slipping or overturning. This danger is particularly accentuated by overlapping the pallets (not recommended). Keep far away from incompatible substances, see section 10.

7.3. Specific end use(s).

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Related compound: Oil Mist: suggested- 15 mg/m³ total particles.

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Concentration is not expected to affect the environment - PNEC.

Reference value in fresh water 2.8 microg / l

Reference value in marine water 0,28 microg / l

Reference value for sediment in fresh water 3.73 mg / kg

Reference value for sediment in sea water 0.75 mg / kg

Reference value for the terrestrial compartment 0.705 mg / kg

Derived No Effect Level (DNEL/DMEL)

Workers.

| Possible route(s) of exposure | Acute local | Acute systemic | Long-term local | Long-term systemic |
|-------------------------------|-------------|----------------|---------------------------|------------------------|
| Inhalation | | | | 1,76 mg/m ³ |
| Dermal. | | | 0,1011 mg/cm ² | 1,73 mg/kg/d |

Legend:

(C) = CEILING; INALAB = Inhalable fraction; RESPIR = Respirable fraction; Torac = Fraction Thoracic.

VND = hazard identified but no DNEL / PNEC available; NEA = no anticipated exposure; NPI = no danger identified.

8.2. Exposure controls.

The use of appropriate technical measures should always take priority over personal protection equipment. Ensure good ventilation at the workplace through effective local aspiration. While using the product refer to the label's information for hazard details. If these operations don't keep the concentration of the product below the exposure limits in the workplace, wear a suitable protection for the respiratory tract. When selecting personal protective equipment if necessary, request advice from the chemical supplier.

HAND PROTECTION

Protect your hands with gloves and Category III (ref. Directive 89/686/EEC and standard EN 374), such as PVC, neoprene, nitrile, or equivalent. Final selection of glove material must be considered work: degradation, breakage times and permeation. In the case of mixture, the resistance of protective gloves should be checked before use, as it can be unpredictable. The gloves have a time limit depends on the duration of exposure.

SKIN PROTECTION

Wear work clothes with long sleeves and safety shoes for professional use category I (ref. Directive 89/686/EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

RESPIRATORY EQUIPMENT

If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures (e. g. EN 14387, Type A or universal type (class 1, 2 or 3)).

The use of respiratory protective equipment, such as masks with organic vapor cartridge and dust is necessary in absence of technical measures to limit exposure. The protection provided by respiratory equipment is however limited.

If the substance is odorless or its olfactory threshold is higher than the relative exposure limit, wear a respiratory equipment according to EN 137 and EN138. For the correct choice of respiratory protection device, refer to EN 529.

EYE PROTECTION

Safety glasses with side-shields (frame goggles, EN 166) for the hot wax manipulation.

ENVIRONMENTAL EXPOSURE CONTROLS.

Emissions from production processes, including those from ventilation should be controlled in order to respect the environmental protection legislation.

Do not discharge product residue without control in waste water or water course.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance: Solid

Colour: White or Coloured

Odour: Typical

Odor Threshold: Not determined

pH: Not determined

Melting point (°C): 110°F to 175°F (43.3°C to 79.4°C) AOCS Cc18-80.

Initial boiling point and boiling range: Not determined

Flash point: >450°F (>232°C) ASTM D92.

Evaporation Rate: Not determined

Gas / Solid Flammability: Not determined

Flammability Limit – Lower (%): Not determined

Flammability Limit – Upper (%): Not determined

Explosive properties: Not determined

Vapour pressure: Not determined

Vapour density: >1.

Specific gravity: 0.890 to 0.894 ASTM D1298-55

Relative density: 0,75 – 0,80 Kg/l

Solubility: <1 mg/l in water.

Partition Coefficient (N-Octanol/Water): Not determined

Auto Ignition Temperature (°C): >392°F (>200°C)

Decomposition temperature (°C): Not determined

Viscosity: 10.0 ASTM D 445-65

Oxidizing properties: Not determined

9.2. Other information.

None.

10. STABILITY AND REACTIVITY**10.1. Reactivity.**

There are no known reactivity hazards associated with this product.

In some case, may react with strong oxidizing agents such as chlorates, nitrates, peroxides, etc., causing a fire hazard.

10.2. Chemical stability.

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions.

The product is stable in normal conditions of use and storage. In other conditions it can violently react with oxidizing agent, strong acids, halogens.

10.4. Conditions to avoid.

None. Follow the usual precautions against chemicals.

10.5. Incompatible materials.

Strong oxidizing agent.

10.6. Hazardous decomposition products.

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In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

11. TOXICOLOGICAL INFORMATION

In the absence of experimental toxicological data on the product itself, the potential risks of the product to health were evaluated according to properties of substances, according to criteria provided by the reference standard for the classification. Consider, therefore, the concentration of each substance dangerous possibly mentioned in sect. 3, to evaluate the toxicological effects from exposure to the product.

11.1. Information on toxicological effects.

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Immediate, delayed effects and chronic effects from short and long term exposures

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) Mixture: Not classified (no relevant component).

ATE (Oral) Mixture: Not classified (no relevant component).

ATE (Dermal) Mixture: Not classified (no relevant component).

[3R-(3 α ,3 $\alpha\beta$,7 β ,8 $\alpha\alpha$)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one

LD50 (Oral) 4500 mg/kg Rat

LD50 (Dermal) > 5000 mg/kg Rabbit

SKIN CORROSION/IRRITATION

Based on available data the classification criteria are not met.

SERIOUS EYE DAMAGE/EYE IRRITATION

Based on available data the classification criteria are not met.

RESPIRATORY OR DERMAL SENSITIZATION

May produce an allergic reaction.

Contains:

[3R-(3 α ,3 $\alpha\beta$,7 β ,8 $\alpha\alpha$)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

GERM CELL MUTAGENICITY

Based on available data the classification criteria are not met.

CARCINOGENICITY

Based on available data the classification criteria are not met.

REPRODUCTIVE TOXICITY

Based on available data the classification criteria are not met.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)

Based on available data the classification criteria are not met.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)

Based on available data the classification criteria are not met.

ASPIRATION HAZARD

Based on available data the classification criteria are not met.

12. ECOLOGICAL INFORMATION

This product is dangerous for the environment and is harmful to aquatic organisms with long-term adverse effects the aquatic

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environment.

12.1. Toxicity.

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
 LC50 – Fish 1,3 mg/l/96h
 EC50 – Crustaceans 1,38 mg/l/48h Dafnie
 EC50 - Algae / Aquatic Plants 2,6 mg/l/72h
 NOEC Chronic Fish 0,16 mg/l
 NOEC Chronic Crustaceans 0,22 mg/l Dafnie

12.2. Persistence and degradability.

The main constituents of the product are considered "inherently biodegradable" but not "readily" biodegradable: they may therefore be moderately persistent, particularly under anaerobic conditions.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Floats on water, and is not soluble in water. It can be easily removed from the water by an abiotic process, such as mechanical separation. If it penetrates the soil, it solidifies and is no longer mobile.

12.5. Results of PBT and vPvB assessment.

Based on the available data, the product does not contain PBT or vPvB percentage $\geq 0.1\%$.

12.6. Other adverse effects.

Information not available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods.

Recycle if possible. Product residues are considered special waste. The hazard must be evaluated according to applicable regulations. Disposal should be entrusted to an authorized waste management, in compliance with national and local applicable regulations.

CONTAMINATED PACKAGING

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number.

Not applicable.

14.2. Proper shipping name.

Not applicable.

14.3. Classes Transport hazard.

Not applicable.

14.4. Packaging group.

Not applicable.

14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for users.

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Not relevant information.

15. REGULATORY INFORMATION

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

Regulation (EC) 2012/18: None.

Restrictions relating to the product or contained substances based on Annex XVII, Regulation (EC) 1907/2006.

Product.

Point. 40

Contained substances:

Point 75 d-limonene Nr. Reg.: 01-2119529223-47-XXXX

Regulation (EC) Nr. 2019/1148 - concerning the placing on the market and use of explosives precursors

Not applicable

Candidate List substances (Art. 59 REACH).

Based on available data, the product does not contain SVHC substances $\geq 0.1\%$.

Substances Subject authorization (annex XIV REACH).

None.

Substances subject to export notification Reg. (EC) 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the mixture but a chemical safety assessment dossier is available for the following contained substances:

[3R-(3 α ,3 $\alpha\beta$,7 β ,8 $\alpha\alpha$)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one.

16. OTHER INFORMATION

Text of -H- phrases quoted in section 2-3 of the sheet.

Skin Irrit. 2: Skin irritation, class 2

Skin Sens. 1B: Skin sensitization, class 1B

Aquatic Acute 1: Hazardous to the aquatic environment, class 1

Aquatic Chronic 1: Hazardous to the aquatic environment, class 1

Aquatic Chronic 3: Hazardous to the aquatic environment, class 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.

H412 Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- EC50: Concentration that gives effect to 50% of the population subject to testing
- EC NUMBER: ID number in ESIS (European archive of existing substances)
- CLP: Regulation EC 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonised System for the classification and labeling of chemicals
- IATA DGR: Regulation for the transport of dangerous goods by the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International Maritime Code for Dangerous Goods
- IMO: International Maritime Organization
- INDEX NUMBER: ID number in Annex VI of the CLP
- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predicted Environmental Concentration
- PEL: predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH Regulation EC 1907/2006
- RID: Regulations concerning the international carriage of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration which should not be exceeded during any time of occupational exposure.
- TWA STEL: Short Term Exposure Limit
- TWA: Time-weighted Average limit value
- VOC: Volatile Organic Compound
- VPvB: Very persistent and very bioaccumulative according to REACH

- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
4. Regulation (EU) 453/2010 of the European Parliament
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (UE) 2017/776 of the European Parliament (X Atp. CLP)
14. Regulation (UE) 2018/669 of the European Parliament (XI Atp. CLP)
15. Regulation (UE) 2018/1480 of the European Parliament (XIII Atp. CLP)
16. Regulation (UE) 2019/521 of the European Parliament (XII Atp. CLP)
17. Regulation (UE) 2019/1148
18. Regulation (UE) 2020/217 (XIV Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Web Site Agency ECHA
- UNI EN 15494:2008 Candles - Product Safety Labels
- UNI EN 15493:2019 Candles - Specification For Fire Safety
- UNI EN 15426:2019 Candles – Specification for Sooting Behaviour

Other specific warnings:

Never leave a burning candle unattended.
Burn candle out of the reach of children and pets.
Always leave at least 10 cm between burning candles.
Do not burn candles on or near anything that can catch fire.

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.

CLASSIFICATION'S CALCULATING METHODS

Chemical and physical hazards: The product is classified on the bases of the criteria established by the CLP Regulation Annex I Part 2. The methods of evaluation of the chemical-physical properties are reported in section 9.

Health hazards: The classification of the product is based on the calculation methods set out in Annex I of the CLP Part 3, unless it is otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods referred to in Annex I of the CLP Part 4, unless it is otherwise indicated in section 12.