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| Item number/ Trade name: | **Café au lait** |  | Print date | **01/12/2022** |
| Version/ Issue date: |  | **10 / 01/05/2022** | Page | **1 of 9** |

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

# Product identifier

Color for candles

Item number/ Trade name 21-237

UFI J9TV-0146-900A-VF7M

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

General use Coloration of hydrocarbons, waxes, oils and fats

# Details of the supplier of the safety data sheet

Company/undertaking identification

Name Antwerp Luxury Candle Supplies

Street/POB-No.: 1 Oostmalsebaan 1c /17

City 2960 Brecht

Phone #

E-mail mail@luxurycandlesupplies.eu

# Emergency telephone number

Name Antigifcentrum Belgium

Phone # +32070245245

**SECTION 2: Hazards identification**

# Classification of the substance or mixture

**Classification according to EC regulation 1272/2008 (CLP)**

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects. Eye Dam. 1; H318 Causes serious eye damage.

Repr. 2; H361f Suspected of damaging fertility.

# Label elements



Danger

Nature of Hazard GHS05 Corrosion GHS08 Health hazard

Hazard statements (CLP) H318 Causes serious eye damage.

H361f Suspected of damaging fertility.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container to hazardous waste. P308+P313 IF exposed or concerned: Get medical advice/attention. P273 Avoid release to the environment.

Hazard-determining component(s) of labelling

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

**Special provisions concerning the labelling of certain mixtures**

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| Item number/ Trade name |  |  | Print date | **01/12/2022** |
| Version/ Issue date: |  | **10 / 01/05/2022** | Page | **2 of 9** |

# Other hazards

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**SECTION 3: Composition/information on ingredients**

# Substances

Mixture of waxes, colouring agents and additives

# Mixtures

**Hazardous ingredients**

bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate: 3 % - 9,99 % CAS-Number: 52829-07-9

EINECS / ELINCS / NLP: 258-207-9

REACH registration No.: 01-2119537297-32

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Acute 1 (M1); H400 / Aquatic Chronic 2; H411 / Eye Dam. 1; H318 / Repr. 2; H361f

Full text of H- and EUH-phrases: see section 16.

**SECTION 4: First aid measures**

# Description of first aid measures

General information If you feel unwell, seek medical advice.

In case of inhalation Move victim to fresh air. Seek medical aid in case of troubles.

In case of skin contact Thoroughly wash skin with soap and water.

After eye contact Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

After swallowing Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

# Most important symptoms and effects, both acute and delayed

Symptoms ---

# Indication of any immediate medical attention and special treatment needed

Information to physician ---

Item number/ Trade name Print date **01/12/2022**

Version/ Issue date: **10 / 01/05/2022** Page **3 of 9**

**SECTION 5: Firefighting measures**

# Extinguishing media

Suitable extinguishing media Carbon dioxide , water spray jet , extinguishing powder , foam.

Extinguishing media which must Full water jet not be used for safety

reasons

# Special hazards arising from the substance or mixture

Possible combustion products Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

# Advice for firefighters

Special protective equipment Wear self-contained breathing apparatus. for firefighters

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways.

Do not allow fire water to penetrate into surface or ground water. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

**SECTION 6: Accidental release measures**

# Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust. With the formation of dust, use a dust mask. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes, and clothing.

# environmental precautions

Do not allow to enter into ground-water, surface water or drains. Discharge into the environment must be avoided.

# Methods and material for containment and cleaning up

Take up spilled product with dustpan and brush. Avoid causing any dust. Industrial vacuum cleaner recommended to avoid causing dust. Cl soiled areas with a conventional household cleaner.

# Reference to other sections

Personal protection equipment: see section 8, Disposal: see section 13

Item number/ Trade name Print date **01/12/2022**

Version/ Issue date: **10 / 01/05/2022** Page **4 of 9**

**SECTION 7: Handling and storage**

# Precautions for safe handling

Advices on safe handling Avoid contact with eyes and skin. When using do not eat, drink, smoke, sniff.

Make sure there is sufficient air exchange and / or that working rooms are air suctioned. Avoid dust formation.

# Conditions for safe storage, including any incompatibilities

Requirements for storerooms Keep away from sources of ignition and heat. Store in a cool dry place. Store in and containers a well-ventilated place. Keep container tightly closed. Protect from direct

sunlight.

Storage class 11

# Specific end use(s)

General use Coloration of hydrocarbons, waxes, oils and fats

**SECTION 8: Exposure controls/personal protection**

# 8.1 Control parameters

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# |8.2 Exposure controls

Respiratory protection With correct and proper use, and under normal conditions, breathing protection

is not required. Provide good ventilation and/or an exhaust system in the work area. Wear a dust mask, in case of excessive dust.

Hand protection Wear suitable gloves.- according to DIN-/EN-Norms EN 420, EN 388 and EN 374 Part 1,3

Eye protection Goggles according to EN 166.

Body protection Wear suitable protective clothing and shoes.

General protection and hygiene Keep away from food and drinks. When using do not eat, drink or smoke. Wash measures hands before breaks and after work. Wash contaminated clothing prior to re-use.

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| Item number/ Trade name |  |  | Print date | **01/12/2022** |
| Version/ Issue date: |  | **10 / 01/05/2022** | Page | **5 of 9** |

**SECTION 9: Physical and chemical properties**

# information on basic physical and chemical properties

Form solid

Colour amber

Odour characteristic

Important health, safety and environmental information Initial boiling point and boiling range 130 °C

Melting point/freezing point 60 °C 60 °C

Flash point/flash point range 150 °C

Ignition temperature > 200 °C

|  |  |  |  |
| --- | --- | --- | --- |
| Solubility  Vapour pressure Density | Product is difficult to dissolve in not determined  not determined | water.  ---  --- | ---  --- |
| Bulk density Dynamic viscosity | ---  --- | ---  --- | --- |
| Kinematic viscosity | 0 m²/s | --- | --- |
| Lower explosion limit | --- |  |  |
| Upper explosion level | --- |  |  |
| Flow time 4mm (DIN) | not determined |  |  |
| PH |  |  | --- |
| Partition coefficient: | --- |  | --- |
| n-octanol/water |  |  |  |

# Other information

---

**SECTION 10: Stability and reactivity**

* 1. **Reactivity** Non-reactive
  2. **Chemical stability** Product is stable under normal storage conditions.

# Possibility of hazardous reactions ---

* 1. **Conditions to avoid** Avoid dust formation. Avoid dust deposits. Keep away from sources of ignition -

No smoking. Take precautionary measures against static discharges.

* 1. **Incompatible materials** strong acids and bases, strong oxidizing agents
  2. **Hazardous decomposition products** Hazardous vapours may form during fires. In case of fire may be liberated:

Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

**General remarks**

No toxicological tests were conducted with the mixture.

# Toxicological tests: components

**bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate**

|  |  |  |
| --- | --- | --- |
| Eye irritation: | - irreversible damage | OECD 405 |
| *Rabbit* |  |  |
| Skin sensitisation | - not sensitising | OECD 406 |
| *guinea pig* |  |  |
| Mutagenicity: | - not a mutagen | OECD 471 (Ames test) |
| Reproductive toxicity | - Suspected of damaging fer | OECD 443 |

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| --- | --- | --- | --- | --- | --- | --- |
| Item number/ Trade name Version/ Issue date: |  | **10** | **/** | **01/05/2022** | Print date  Page | **01/12/2022**  **6 of 9** |
| *Rat* |  |  | | |  | |
| Acute oral toxicity | LD50= | 3700.0 | | | mg/kg | |
| *Rat* |  |  | | |  | |
| Acute dermal toxicity | LD50> | 3170.0 | | | mg/kg | |
| *Rat* |  |  | | |  | |
| Acute inhalation toxicity | LC50> |  | | | mg/L | |
| *Rat* |  |  | | |  | |

**SECTION 12: Ecological information**

* 1. **Toxicity**

Aquatic toxicity ---

# Ecotoxicological effects: components bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

|  |  |  |  |
| --- | --- | --- | --- |
| acute Daphnia toxicity | NOEC (48h) = | 4.0 | mg/L |
| *Daphnia magna (Big water flea)* |  |  |  |
| acute Daphnia toxicity | EC50 (48h) = | 8.58 | mg/L |
| *Daphnia magna (Big water flea)* |  |  |  |
| acute fish toxicity | LC50 (96h) = | 4.4 | mg/L |
| *Lepomis macrochirus (Bluegill)* |  |  |  |
| Bacteria toxicity | IC50 (72h) = | 0.705 | mg/L |
| *Pseudokirchneriella subcapitata* |  |  |  |

* 1. **Persistence and degradability**

Evaluation text ---

Degree of elimination ---

Analytical method ---

# Bioaccumulative potential

---

# Mobility in soil

---

# Results of PBT and vPvB assessment

---

# Other adverse effects

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

**SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods

**Product**

Recommendation Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.

# Package

Recommendation Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Item number/ Trade name Print date **01/12/2022**

Version/ Issue date: **10 / 01/05/2022** Page **7 of 9**

**SECTION 14: Transport information**

# UN number

ADR, IATA, IMDG ---

# UN proper shipping name

Product designation: ADR/RID ---

Proper shipping name: IATA-DGR ---

Proper shipping name: IMDG ---

# Transport hazard class(es)

Class ADR/RID ---

Code: ADR/RID ---

Class IATA-DGR ---

Subrisk IATA-DGR ---

Class IMDG ---

Subrisk IMDG ---

# Packing group

ADR, IATA, IMDG No packaging for dangerous goods required

# Environmental hazards

Marine Pollutant - ---

IMDG

EmS ---

Stowage and segregation ---

# Special precautions for user

---

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

---

**Additional information**

EQ ---

Limited quantities ---

Special provisions ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

No dangerous good in sense of these transport regulations.

Item number/ Trade name Print date **01/12/2022**

Version/ Issue date: **10 / 01/05/2022** Page **8 of 9**

**SECTION 15: Regulatory information**

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

**National regulations**

**Germany**

Storage class 11

Water Hazard Class 2

Incident regulation ---

Information on working limitations No special measures are required.

# Chemical Safety Assessment

Chemical Safety Assessment No substance safety evaluation was conducted with the mixture/ substance.

Item number/ Trade name Print date **01/12/2022**

Version/ Issue date: **10 / 01/05/2022** Page **9 of 9**

**SECTION 16: Other information**

**Hazard statements (CLP)**

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H361f Suspected of damaging fertility.

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Reason of change General revision

**Abbreviations**

--- no data, not determined or not applicable

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 1907/2006 ) OECD Organisation for Economic Co-operation and Development

LD50 Median lethal dose

LC50 Median lethal concentration EC50 Median effective dose

IC50 Median inhibitory concentration VCI Verband der chemischen Industrie CAS Chemical Abstract Service

EINECS European Inventory of Existing Commercial Chemical Substances ELINCS European List of Notified Chemical Substances

NLP No Longer Polymers

CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging EG Europäische Gemeinschaft

WGK Wassergefährdungsklasse (according to AwSV, Appendix 1 (5.2)) AGW Arbeitsplatzgrenzwert

ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID Règlement concernant le transport international ferroviaire des machandises dangereuses (International Rule for Transport of Dangerous Substances by Railway)

IATA International Air Transport Association IMDG International Martime Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLlution) EmS Emergency Schedules

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.