

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier:** BASTIAN scented candle 4912906**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant uses: scented candle

Uses advised against: other than above

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

BISPOL Sp. z o.o.

Głuchów 573

37-100 Łańcut (POLAND)

Tel. +48 17 225 30 13

e-mail: jsztur@bispol.pl**Details of the distributor:**

JYSK a/s

Soedalsparken 18

DK-8220 Brabrand

Tel. +45 8939 7500

e-mail: compliancequality@JYSK.com**1.4. Emergency telephone number:**

+353 (0) 1 809 2166

+353 (0) 1 809 2566

SECTION 2: Hazards Identification**2.1. Classification of the substance or mixture****Classification under Regulation (EC) No 1272/2008**

This product does not meet the criteria for classification in any hazard class according to regulation EC No 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2. Label elements**Classification under Regulation (EC) No 1272/2008****Signal word:** not applicable**Pictograms:** not applicable**Precautionary statements:** not applicable**Supplemental Information:** not applicable**Hazard statements:**

EUH208: Contains BENZOPHENONE-12, 4-TERT-BUTYLCYCLOHEXYL ACETATE, ETHYL LINALOOL, LIMONENE, TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENE. May produce an allergic reaction.

2.3. Other hazards:

The mixture does not contain components considered either to be persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at or above 0.1%.

This mixture does not contain ingredients considered to have endocrine-active properties according to REACH Article 57 (f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Chemical Name	CAS-No.	EC-No.	REACH Registration No.	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]	Specific conc. Limits, M factors and ATE
BENZOPHENONE-12	1843-05-6	217-421-2	01-21195578-xxxxxxx	Skin Sens. 1B;H317,-	>= 0,3 - < 0,7	
4-TERT-BUTYLCYCLOHEXYL ACETATE	32210-23-4	250-954-9		Skin Sens. 1B;H317,-	>= 0,2 - < 0,3	oral: ATE = 3370 mg/kg bw
ETHYL LINALOOL	10339-55-6	233-732-6	01-2119969272-32-xxxx	Eye Irrit. 2-Skin Sens.1B; H317-H319	>= 0,1 - < 0,2	oral: ATE = 5000 mg/kg bw
LIMONENE	5989-27-5	227-813-5		Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp.Tox 1-Aquatic Acute 1-Aquatic Chronic 3; H226-H304-H315-H317-H400-H412,-	>= 0,1 - < 0,2	M = 1-dermal: ATE = 5000.01 mg/kg bw oral: ATE = 4400 mg/kg bw
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENE	54464-57-2	259-174-3, 915-730-3		Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 1; H315-H317-H410,-	>= 0,1 - < 0,15	

For the full text of the H-statements mentioned in this section, see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General remarks: No special measures required.

After inhalation exposure: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After ingestion: If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: extinguishing powder or other common use extinguishing media appropriate for burning materials

Unsuitable extinguishing media: strong stream of water

5.2. Special hazards arising from the substance or mixture

No further relevant information available. Fire residues must be disposed of in accordance with local regulations.

5.3. Advice for firefighters

Protective equipment: Wear personal protective equipment. Use independent breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from open hot flames surfaces and sources of ignition.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

6.3.1. Recommendations for preventing the spread: Inform the appropriate authorities if rivers or lakes are contaminated.

6.3.2. Recommendations regarding liquidation of unsealing: Collect mechanically.

6.3.3. Information on improper methods of preventing the spread of contamination: Pick up mechanically. Small amount treat as waste. Large amounts remove to the approved disposal site, in accordance with local regulations.

6.4. Reference to other sections

Supplementary information and personal protective equipment and control parameters are provided in Section 8. Information on waste disposal can be found in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good safety practices and occupational hygiene. In place of work, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers: Store in a cool, dry and dark place. Keep away from heating elements and source fire and direct sunlight. Protect from contact with moisture and water.

7.3. Specific end use(s)

Candle.

SECTION 8: Expousure controls/personal protection

8.1. Control parameters

Derived No Effect Level (DNEL) according to EC Regulation 1907/2006:

Name of the substance	Final destiny	Type	Value
BENZOPHENONE-12 (CAS: 1843-05-6)	workers	Long-term exposure (chronic) , inhalation	6,6 mg/m ³
	workers	Long-term exposure (chronic) , dermal	1,87 mg/ kg bw / dag
	consumers	Long-term exposure , inhalative	1,6 mg/m ³
	consumers	Long term exposure (chronic) , dermal	0,9 mg/ kg bw / dag
	consumers	Long-term exposure (chronic) , oral	0,9 mg/m ³
ETHYL LINALOOL (CAS: 10339-55-6)	workers	Long-term exposure (chronic) , inhalation	3 mg/m ³
	workers	Long-term exposure (chronic) , dermal	2,7 mg/ kg bw / dag
	consumers	Long-term exposure , inhalative	0,740 mg/m ³
	consumers	Long term exposure (chronic) , dermal	1,4 mg/ kg bw / dag
	consumers	Long-term exposure (chronic) , oral	0,2 mg/m ³
LIMONENE (CAS: 5989-27-5)	workers	Long-term exposure (chronic) , inhalation	66,7 mg/m ³
	workers	Long-term exposure (chronic) , dermal	9,5 mg/ kg bw / dag
	consumers	Long-term exposure , inhalation	16,6 mg/m ³
	consumers	Long term exposure (chronic) , dermal	4,8 mg/ kg bw / dag
	consumers	Long-term exposure (chronic), oral	4,8 mg/m ³

Predicted No Effect Concentration (PNEC) according to Regulation EC 1907/2006:

Name of the substance	Fresh water	Marine water	Fresh water sediment	Marine water sediment	STP (sewage treatment plant)	Soil
BENZOPHENONE-12	0,052 mg/L	0,0052 mg/L	100 mg/kg sediment dw	10 mg/kg sediment dw	0,52 mg/L	66,8 mg/kg soil dw
4-TERT-BUTYLCYCLOHEXYL ACETATE	0,053 mg/L	0,053 mg/L	2,01 mg/kg sediment dw	0,21 mg/kg sediment dw	12,2 mg/L	0,42 mg/kg soil dw
ETHYL LINALOOL	0,023 mg/L	0,0023 mg/L	0,223 mg/kg sediment dw	0,0223 mg/kg sediment dw	10 mg/L	0,031 mg/kg soil dw
LIMONENE	0,014 mg/L	0,0014 mg/L	3,85 mg/kg sediment dw	0,385 mg/kg sediment dw	1,8 mg/L	0,763 mg/kg soil dw

8.2. Exposure controls

Respiratory protection: Not required.

Hand/skin protection: Not required.

Eyes/face protection: Not required.

Environmental exposure controls: Do not allow product to reach ground water, sewage, waste water and soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a) Physical state:	Solid material
b) Colour:	Depending on the raw material
c) Odour:	Recognizable/ Noticable
d) Melting point/freezing point:	Not applicable
e) Boiling point or initial boiling point and boiling range:	Not applicable
f) Flammability:	Not applicable
g) Lower and upper explosion limit	Not applicable
h) Flash point:	Not applicable
i) Auto-ignition temperature:	Not applicable
j) Decomposition temperature:	Not applicable
k) pH:	Not applicable
l) Kinematic viscosity:	Undefined
m) Solubility:	Not miscible in water
n) Partition coefficient n-octanol/water	Not applicable
o) Vapour pressure:	Not applicable

p) Density and/or relative density	Not applicable
q) Relative vapour density	Not applicable
r) Particle characteristics	Not applicable

9.2. Other information

None available

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

The mixture is not reactive under normal environmental conditions.

10.2. Chemical stability

Under normal storage and use of the mixture is chemically stable.

10.3. Possibility of hazardous reactions

Dangerous reactions are unknown.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

No further relevant data available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

a) **Acute toxicity:** Based on the available data, the classification criteria are not met.

b) **Skin corrosion/irritation:** Based on the available data, the classification criteria are not met.

c) **Serious eye damage/irritation:** Based on the available data, the classification criteria are not met.

d) **Respiratory or skin sensitisation:** Based on the available data, the classification criteria are not met.

e) **Germ cell mutagenicity:** Based on the available data, the classification criteria are not met.

f) **Carcinogenicity:** Based on the available data, the classification criteria are not met.

g) **Reproductive toxicity:** Based on the available data, the classification criteria are not met.

h) **STOT-single exposure:** Based on the available data, the classification criteria are not met.

i) **STOT-repeated exposure:** Based on the available data, the classification criteria are not met.

j) **Aspiration hazard:** Based on the available data, the classification criteria are not met.

11.2. Information on other hazards

The mixture does not contain components considered either to be persistent, bioaccumulating and toxic (PBT) or very

persistent and very bioaccumulating (vPvB) at or above 0.1%.

This mixture does not contain ingredients considered to have environmentally endocrine-active properties according to REACH Article 57 (f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

SECTION 12: Ecological information

12.1. Toxicity

The product is not classified as toxic to the environment.

Component toxicity:

- BENZOPHENONE-12 (CAS: 1843-05-6)

Toxicity to fish: LC50 >100mg/l/96 h/ *Leuciscus idus melanotus*

Toxicity to aquatic invertebrates: EC50 >0,004 mg/l/48 h/*Daphnia magna*

Toxicity to algae: >100 mg/L 72 h/ *Desmodesmus subspicatus*

- 4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS: 32210-23-4)

Toxicity to fish: LC50 8.6 mg/l/96 h/ *Leuciscus idus melanotus*

Toxicity to aquatic invertebrates: EC50 5,3 mg/l/48 h/*Daphnia magna*

Toxicity to algae: EC50 22 mg/l/ 96 h/ *Desmodesmus subspicatus*

- LIMONENE (CAS: 5989-27-5)

Toxicity to fish: LC50 < 1 mg/L/96 h/ *Pimephales promelas*

Toxicity to aquatic invertebrates: EC50 < 1 mg/L/48 h/*Daphnia magna*

Toxicity to algae: EC50 0.32 mg/L/ 96 h/ *Pseudokirchneriella subcapitata*

12.2. Persistence and degradability

Data on ingredients:

- BENZOPHENONE-12 (CAS: 1843-05-6) - The test substance is not readily biodegradable according to OECD criteria.
- 4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS: 32210-23-4) - biodegradable: 75% in 28 days - readily biodegradable
- LIMONENE (CAS: 5989-27-5) - readily biodegradable according to the criteria of OECD guideline 301.

12.3. Bioaccumulative potential

Component data:

- 4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS: 32210-23-4) - the bioconcentration factor (BCF) for the substance was estimated to be 334.6 L/kg (log BCF = 2.524) with the Arnot-Gobas BCFBAF model. The substance is not considered to be highly bioaccumulative.

12.4. Mobility in soil

Component data:

- 4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS: 32210-23-4) - the adsorption coefficient of the substance has been determined to be in the range of 3 243 to 4 603, corresponding to a log Koc of between 3.51 and 3.66. The result indicates that the registered substance is environmentally slightly mobile in soil (according to P.J. McCall et al., 1980).

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria REACH, annex XIII.

12.6. Endocrine disrupting properties

The product does not contain ingredients entered in the list established in accordance with Art. 59 sec. 1 as having endocrine disrupting properties; or ingredients with disruptive properties the functioning of the endocrine system in accordance with the criteria set out in Regulation 2017/2100 / EU or Regulation 2018/605 / EU in a concentration equal to or greater than 0.1%.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal consideration**13.1. Waste treatment methods**

Small amounts may be disposed of with household waste.

Suggested code: According to the place of manufacture

Product packaging

Recommendation: Remove in accordance with applicable regulations.

European Union legal basis: Directive 2008/98 / EC of the European Parliament and of the Council as amended.

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

Not classified as dangerous in the meaning of transport regulation.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not classified as dangerous in the meaning of transport regulation.

14.5. Environmental hazards

Not environmentally hazardous for transport.

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IO instruments

Not applicable

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

REGULATION (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC, and amending Regulation (EC 1907/2006 (Text with EEA relevance).

REGULATION (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency and amending Directive 1999/45 / EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to the European Parliament and Council Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EC) No 440/2008 of 30 May 2008 laying down test methods pursuant to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (Text with EEA relevance).

15.2. Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

SECTION 16: Other information**List of H-phrases used in the safety data sheet:**

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

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.

Abbreviations and acronyms:

Aquatic Acute 1 - Hazardous to the aquatic environment - acute hazard, category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment, category 1

Aquatic Chronic 3 - Hazardous to the aquatic environment, category 3

Asp. Tox.1 - Aspiration hazard, hazard category 1

In accordance with the criteria of Regulation No 1907/2006 (REACH), UE No 2020/878

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Version 1

Eye Irrit 2 - Serious eye damage/irritation, hazard category 2

Flam. Liq. 3 - Flammable liquids, hazard category 3

Skin Irrit. 2 - Skin corrosion/irritation, hazard category 2

Skin Sens. 1B - Skin sensitisation, category 1B

CAS - Chemical Abstracts Service (the most comprehensive chemical scientific database of chemical compounds)

CLP - Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures

DNEL - Derived no-effect level

EC50 - Effective concentration (the concentration of the component at which 50% of the organisms are effective within the specified time period)

LC50 - Lethal concentration at which 50% of the tested animals die

LD50 - Lethal dose at which the death of 50% of the tested animals is observed

PBT - Persistent, Bioaccumulative and Toxic substance

PNEC - Predicted No-Effect Concentration

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Registration, Evaluation, Authorization and Restriction of Chemicals)

vPvB - very Persistent, very Bioaccumulative substance

References to the key literature and sources given: The information contained in this safety data sheet is taken from the preparation sheet provided by the manufacturer, literature data and online databases:

- ECHA - Database of substances registered under REACH
- ECHA - C&L Inventory

Training recommendations: It is recommended to train employees in the area of conduct and precautions when handling chemical products. Observe the general health and safety regulations!

Additional information:

Version: 1

Changes: -

MSDS issued by: Bispol Sp. z o.o.

Reservations:

The information presented in this Safety Data Sheet contains the state of our knowledge at the date of issue of the Card. We pay attention to Further Users and Distributors that we are not liable for improper use of the product in a manner other than that recommended by us. Precautions regarding health and safety and advice on environmental issues included in the Charter do not have to be appropriate for all individual persons or situations. It is the Applicant's responsibility to evaluate and use the product described in a safe manner and in accordance with all applicable laws and regulations.