

**MATERIAL SAFETY DATA SHEET****Product name: Merry Christmas****Set contents**

Scent diffuser WARM WANILLA AD-002-468
Scented candle WARM WANILLA AC-002-468

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier:** SCENT DIFFUSER WARM WANILLA AD-002-468**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant uses: reed diffuser

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: [sds@bispol.pl](mailto:sds@bispol.pl)**Details of the distributor:**

Habacek s. r. o

Sklenářka 1476/14

CZ 268 01 Hořovice

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e-mail: [habacek@habacek.cz](mailto:habacek@habacek.cz)**1.4. Emergency telephone number:**

+420 224 919 293

+420 224 915 402

**SECTION 2. Hazards identification****2.1. Classification of the substance or mixture:****Classification (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:****Labelling (Regulation (EC) No 1272/2008)****Signal word:** not applicable**Hazard pictogram:** not applicable**Hazard statements:** not applicable**Precautionary statements:** not applicable**Supplemental Information:**

EUH208: Contains p-anisyl acetate. 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 environmentally 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
p-anisyl acetate	104-21-2	203-185-8	01-2120752374-54-xxxx	Skin Sens. 1B H317	>= 0,1 - < 0,2	

#### Substances for which community workplace exposure limits:

Chemical Name	CAS-No.	EC-No.
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2

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:** It is recommended to remove person from exposure site to fresh air, keep at rest and obtain medical attention. Show the label / safety data sheet.

**After inhalation exposure:** Remove the victim to fresh air. Consult a doctor, if disturbing symptoms occur.

**After skin contact:** Wash off immediately with water and soap and rinse thoroughly. If irritation persists, seek medical attention.

**After eye contact:** Remove contact lenses (if any). Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open to ensure that the entire surface is flushed. The victim should be immediately placed in a specialist medical facility.

**After ingestion:** Rinse mouth with water (not for use by people unconscious). Contact doctor immediately if status of a person is serious or if symptoms persist. Do not induce vomiting.

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

Repeated or prolonged contact with the skin may cause sensitization or irritation.

After ingestion: possible nausea.

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

**Medical attention:** Symptomatic treatment.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable extinguishing media:** extinguishing powder, fire extinguishers: with carbon dioxide, dry dust, foam

**Unsuitable extinguishing media:** strong stream of water

**5.2. Special hazards arising from the substance or mixture**

In case of fire, may be liberated: carbon oxides and other unidentified products of thermal decomposition. Avoid inhalation of combustion products.

**5.3. Advice for firefighters**

Follow the fire regulations. Do not stay in the fire-endangered area without appropriate chemical-resistant clothing and a self-contained breathing apparatus.

If possible, prevent runoff water from the sewage system, surface water and groundwater.

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

Ensure sufficient ventilation. Limit the access of people non-emergency personnel to the endangered area until appropriate cleaning operations are completed. Malfunctions should be removed by trained personnel. Use personal protection measures. Avoid eyes and skin contamination. Do not inhale vapors of the product.

**6.2. Environmental precautions**

In the event of serious pollution of the water, sewage system or soil, notify the relevant administrative and inspection authorities and rescue organizations.

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

Protect damaged packages. Collect small spills mechanically, using an absorbent material (sand, earth, sawdust, universal binders, etc.) and place in the containers as waste. In case of a large leak, embank the place where the liquid accumulates and pump the liquid out. Do not rinse directly into drains. If rivers or lakes are contaminated, notify the relevant authorities.

**6.4. Reference to other sections**

Personal protection equipment - section 8 of the safety data sheet.

Information on waste disposal can be found in section 13.

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

Keep away from heat, sparks, open flames. Avoid contact with eyes and skin. No smoking, eating or drinking in the place of use. Contaminated protective clothing should not be removed from the workplace. Wash hands and affected body parts thoroughly after use. Use personal protective equipment in accordance with section 8.

Avoid release to the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

Protect against frost, heat and direct sunlight. Store in a well-ventilated place. Store in a cool and dry place. Keep containers tightly closed in the original packaging.

### 7.3. Specific end use(s):

There is no additional information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Workplace exposure limits EU:

Chemical Name	CAS-No.	Limit values			
		STEL [mg/m <sup>3</sup> ]	STEL [ppm]	TWA [mg/m <sup>3</sup> ]	TWA [ppm]
2-methoxymethylethoxy)propanol	34590-94-8	-	-	308	50

#### • (2-methoxymethylethoxy)propanol (34590-94-8)

DNEL value

(2-methoxymethylethoxy)propanol (34590-94-8)	DNEL value	for staff	through the skin	long-term exposure	283 mg/kg body weight / day
	DNEL value	for staff	by inhalation	long-term exposure	308 mg/m <sup>3</sup>
	DNEL value	consumers	through the skin	long-term exposure	121 mg/kg body weight / day
	DNEL value	consumers	by inhalation	long-term exposure	37,2 mg/m <sup>3</sup>
	DNEL value	consumers	by ingestion	long-term exposure	36 mg/kg body weight / day

PNEC value

(2-methoxymethylethoxy)propanol (34590-94-8)	PNEC value	freshwater	19 mg/l
	PNEC value	marine water	1,9 mg/l

	PNEC value	intermittent release	190 mg/l
	PNEC value	soil	2,74 mg/kg
	PNEC value	sewage treatment plant	4168 mg/l
	PNEC value	freshwater sediment	70,2 mg/kg
	PNEC value	marine water sediment	7,2 mg/kg

### 8.2. Exposure controls

**Appropriate engineering controls:** Local ventilation.

**Individual protection measures, such as personal protective equipment:** Personal protective equipment required only for professional use or for large packages (not for home use packages). In the case of consumer use, the recommendations on the product label should be followed.

**Eyes/face protection:** Wear eye protection or face protection.

**Hand / skin protection:** Protective gloves (kind of material type and thickness: nitrile rubber > 0.4 mm, neoprene or rubber).

**Respiratory protection:** It is not recommended to use special equipment intended for respiratory protection under normal conditions of use with adequate ventilation.

**Thermal hazard protection:** Not required.

**Environmental exposure controls:** Avoid penetration into the soil and groundwater.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

a) Physical state:	liquid
b) Colour:	colorless to yellowish
c) Odour:	characteristic
d) Melting point/freezing point:	not applicable
e) Boiling point or initial boiling point and boiling range	not applicable
f) Flammability (solid, gas)	not applicable
g) Lower and upper explosion limit	not applicable
h) Flash point	78°C
i) Auto-ignition temperature	undefined
j) Decomposition temperature	not applicable
k) pH:	undefined
l) Kinematic viscosity	undefined
m) Solubility	partly soluble in water

n) Partition coefficient: n-octanol/water	undefined
o) Vapour pressure	undefined
p) Density and/or relative density	0,93 – 0,98 g/cm <sup>3</sup>
q) Relative vapour density	not applicable
r) Particle characteristics	not applicable

## 9.2. Other information

None

## 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

Avoid contact with highly concentrated acids, bases or flammable materials.

### 10.6. Hazardous decomposition products

None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazards 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 available data, the classification criteria are not met.
- c) **Serious eye damage / irritation:** Based on available data, the classification criteria are not met.
- d) **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- e) **Germ cell mutagenicity:** Based on available data the classification criteria are not met.
- f) **Carcinogenicity:** Based on available data the classification criteria are not met.
- g) **Reproductive toxicity:** Based on available data the classification criteria are not met.
- h) **STOT - single exposure:** Based on available data the classification criteria are not met.
- i) **STOT - repeated exposure:** Based on available data the classification criteria are not met.
- j) **Aspiration hazard:** Based on available data the classification criteria are not met.

### 11.2. Information on other hazards

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%.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not classified as toxic to the environment.

Component toxicity:

- (2-methoxymethylethoxy)propanol (CAS: 34590-94-8)

Toxicity to fish : LC50 10000 mg/l/96 h/Pimephales promelas

Toxicity to aquatic invertebrates: EC50 1919 mg/l/48 h/Daphnia magna

- p-anisyl acetate (CAS: 104-21-2)

Toxicity to fish : LC50 13,1 mg/l/48 h/ zebrafish

Toxicity to aquatic invertebrates: EC50: 31 mg/l/48 h/Daphnia magna

Toxicity to algae: EC50 59,9 mg/l/72 h/Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

No data for the mixture.

Component data:

- (2-methoxymethylethoxy) propanol (CAS: 34590-94-8)

Biodegradation: 79% within 28 days.

- p-anisyl acetate (CAS: 104-21-2)

Biodegradation: 78% within 21 days - readily biodegradable.

### 12.3. Bioaccumulative potential

No data for the mixture.

Component data:

- (2-methoxymethylethoxy) propanol (CAS: 34590-94-8) – log Pow <1 - suggests that no accumulation of this substance in biological tissues or bioaccumulation in food webs is expected.

### 12.4. Mobility in soil

No data for the mixture.

Component data:

- (2-methoxymethylethoxy) propanol (CAS: 34590-94-8) – low adsorption potential

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Endocrine disrupting properties

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.

#### 12.7. Other adverse effects

Not available.

### SECTION 13: Disposal consideration

#### 13.1. Waste treatment methods

Do not empty into drains. Avoid release to the environment. Waste must be specially treated in accordance with official regulations.

#### Product packaging

**Recommendation:** Remove in accordance with applicable regulations.

**European Union legal basis:** European Parliament and Council Directive: 2008/98 / EC as amended and 94/62 / EC 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 applicable.

#### 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 IMO 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

Chemical Safety Assessment of this product has not been carried out.

## SECTION 16: Other information

### List of H-phrases used in the safety data sheet

H317 - May cause an allergic skin reaction.

### Abbreviations and acronyms:

Skin Sens. 1B - Sensitization - Skin 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

NOAEL - no-observed-adverse-effect level

PBT –Persistent, Bioaccumulative and Toxic substance

PNEC - Predicted No-Effect Concentration

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL - short-term exposure limit

SVHC - Substance of Very High Concern

TWA - time-weighted average

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: -

Card 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.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier:** SCENTED CANDLE WARM WANILLA AC-002-468**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant uses: scented candle

Uses advised against: other than above

**1.4. Details of the supplier of the safety data sheet:**

BISPOL Sp. z o.o.

Głuchów 573

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Tel. +48 17 225 30 13

e-mail: [sds@bispol.pl](mailto:sds@bispol.pl)**Details of the distributor:**

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e-mail: [habacek@habacek.cz](mailto:habacek@habacek.cz)**1.5. Emergency telephone number:**

+420 224 919 293

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**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 coumarin. 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
coumarin	91-64-5	202-086-7	01-2119949300-45-xxxx	Acute Tox. 4; H302 Skin Sens. 1B; H317	>= 0,1 - < 0,2	oral: ATE = 500 mg/kg bw

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.

**4.3. 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: Exposure controls/personal protection****8.1. Control parameters**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**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****9.2. Information on basic physical and chemical properties**

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

**9.3. 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:** The acute toxicity of the mixture (ATEmix) was calculated on the basis of the appropriate factor conversion from Table 3.1.2. of Annex I to the CLP Regulation. ATEmix (oral) > 2000mg/kg. 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.

**12.2. Persistence and degradability**

Data on ingredients:

- coumarin (CAS: 91-64-5) – biodegradation: 90% in 28 days

**12.3. Bioaccumulative potential**

No data for the mixture.

**12.4. Mobility in soil**

No data for the mixture.

**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:

H302 – Harmful if swallowed.

H317 – May cause an allergic skin reaction.

#### Abbreviations and acronyms:

Acute Tox. 4 – Acute Toxicity - Oral Category 4

Skin Sens. 1B – Sensitization - Skin Category 1B

ATEmix – Estimated acute toxicity of the mixture

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

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)

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

Revision date: 2026-01-28  
Version 1

vPvB – very Persistent, very Bioaccumulative substance

WE - Identification code for each substance reported in EINECS

**Classification and procedures used to classify the mixture in accordance with regulation (EC) 1272/2008 [CLP] as amended**

ATEmix (oral) - Calculation method

**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.