SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended.]

Date of issue: 16.08.2022 Version: 1.0/EN

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: **MIAMI VINOVE**

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

Relevant identified uses: air freshener.

Uses advised against: not determined.

1.3. Details of the supplier of the safety data sheet

Supplier: **Vinove Sp. z o.o.**

Address: Szeroka 36, 95-030 Starowa Góra, Poland

Telephone: +48 539 999 647

E-mail address of a competent person responsible for SDS: sklep@vinove.pl

1.4. Emergency telephone number

112 (Europe's emergency telephone number). Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department. Please check any national emergency information services in your country.

+44 (0)344 892 0111 United Kingdom National Poisons Information Service

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Sens. 1 H317, **Aquatic Chronic 2** H411

May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictograms and signal words

WARNING

The names of substances on the label

Contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; acetylcedrene; linalool; linalyl acetate; 2,2,6-trimethyl-α-propylcyclohexanepropanol; hexyl salicylate; d-limonene; benzyl salicylate; α-hexylcinnamaldehyde; pentadecane-15-olide; 3,4,5,6,6-pentamethylhept-3-en-2-one; decahydro-2,2,6,6,7,8,8-heptamethyl-2H-indeno(4,5-b)furan; (ethoxymethoxy)cyclododecane; α-methyl-1,3-benzodioxole-5-propionaldehyde.

Hazard statements

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Hazard statements (**for packages where the contents do not exceed 125 ml**)

H317 May cause an allergic skin reaction.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Precautionary statements (**for packages where the contents do not exceed 125 ml**)

P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

The product does not contain ingredients which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation 2017/2100/EU or Commission Regulation 2018/605/EU at a concentration equal to or greater than 0.1 % by weight.

Section 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Mixture of copolymer of ethylene and vinyl acetate (EVA) [CAS 24937-78-8] (the substance is not classified as hazardous for human health and life), with the following components:

CAS number: 471-34-1 EC number: 207-439-9 Index number: - Registration number: 01-2119486795-18-XXXX	calcium carbonate substance is not classified as hazardous	≤ 10 %
CAS number: 112926-00-8 EC number: 231-545-4 Index number: - Registration number: 01-2119379499-16-XXXX	synthetic, amorphous silicon dioxide substance is not classified as hazardous	≤ 10 %
CAS number: 54464-57-2 EC number: 259-174-3 Index number: - Registration number: 01-2119489989-04-XXXX	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410 (M=1)	≤ 3.6 %
CAS number: 32388-55-9 EC number: 251-020-3 Index number: - Registration number: -	acetylcedrene Skin Sens. 1 H317, Aquatic Chronic 1 H410 (M=1)	< 2.0 %
CAS number: 78-70-6 EC number: 201-134-4 Index number: 603-235-00-2 Registration number: 01-2119474016-42-XXXX	linalool Skin Irrit. 2 H315, Skin Sens. 1B H317, Eye Irrit. 2 H319	≤ 1.2 %
CAS number: 115-95-7 EC number: 204-116-4 Index number: - Registration number: 01-2119454789-19-XXXX	linalyl acetate Skin Irrit. 2 H315, Skin Sens. 1B H317, Eye Irrit. 2 H319	≤ 1.2 %
CAS number: 70788-30-6 EC number: 274-892-7 Index number: - Registration number: -	2,2,6-trimethyl-α-propylcyclohexanepropanol Skin Sens. 1B H317	< 1.2 %

CAS number: 1222-05-5 EC number: 214-946-9 Index number: 603-212-00-7 Registration number: 01-2119488227-29-XXXX	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (HHCB) Aquatic Acute 1 H400 (M=1), Aquatic Chronic 1 H410 (M=1)	< 1.1 %
CAS number: 6259-76-3 EC number: 228-408-6 Index number: - Registration number: 01-2119638275-36-XXXX	hexyl salicylate Skin Irrit. 2 H315, Skin Sens. 1B H317, Eye Irrit. 2 H319, Aquatic Chronic 1 H410 (M=1)	< 0.9 %
CAS number: 5989-27-5 EC number: 227-813-5 Index number: 601-096-00-2 Registration number: -	d-limonene Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 3 H412	< 0.7 %
CAS number: 1506-02-1 EC number: 216-133-4 Index number: - Registration number: 01-2119539433-40-XXXX	1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one Acute Tox. 4 H302, Aquatic Chronic 1 H410 (M=1)	≤ 0.6 %
CAS number: 118-58-1 EC number: 204-262-9 Index number: 607-754-00-5 Registration number: 01-2119969442-31-XXXX	benzyl salicylate Skin Sens. 1B H317, Eye Irrit. 2 H319, Aquatic Chronic 3 H412	< 0.6 %
CAS number: 101-86-0 EC number: 202-983-3 Index number: - Registration number: 01-2119533092-50-XXXX	α-hexylcinnamaldehyde Skin Sens. 1 H317, Aquatic Chronic 2 H411	< 0.6 %
CAS number: 106-02-5 EC number: 203-354-6 Index number: - Registration number: 01-2119987323-31-XXXX	pentadecane-15-olide Skin Sens. 1 H317, Aquatic Chronic 2 H411	< 0.5 %
CAS number: 108-05-4 EC number: 203-545-4 Index number: 607-023-00-0 Registration number: -	vinyl acetate[1) 2)] Flam. Liq. 2 H225, Acute Tox. 4 H332, STOT SE 3 H335, Carc. 2 H351, Aquatic Chronic 3 H412	< 0.3 %
CAS number: 128-37-0 EC number: 204-881-4 Index number: - Registration number: 01-21198480433-40-XXXX	2,6-di-tert-butyl-p-cresol[2)] Aquatic Acute 1 H400 (M=1), Aquatic Chronic 1 H410 (M=1)	≤ 0.2 %
CAS number: 81786-73-4 EC number: 279-822-9 Index number: - Registration number: 01-2119980043-42-XXXX	3,4,5,6,6-pentamethylhept-3-en-2-one Skin Sens. 1 H317, Aquatic Chronic 2 H411	< 0.15 %
CAS number: 476332-65-7 EC number: 449-360-4 Index number: - Registration number: 01-0000018977-51-XXXX	decahydro-2,2,6,6,7,8,8-heptamethyl-2H-indeno(4,5-b)furan Skin Sens. 1 H317, Aquatic Chronic 1 H410 (M=1)	< 0.15 %

CAS number: 58567-11-6 EC number: 261-332-1 Index number: - Registration number: 01-2119971571-34-XXXX	(ethoxymethoxy)cyclododecane Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Chronic 2 H411	≤ 0.1 %
CAS number: 1205-17-0 EC number: 214-881-6 Index number: - Registration number: -	α-methyl-1,3-benzodioxole-5-propionaldehyde Skin Sens. 1 H317, Repr. 2 H361, STOT RE 2 H373, Aquatic Chronic 2 H411	≤ 0.1 %

1) substance with occupational exposure limits defined on the European Union level.

2) substance with occupational exposure limits defined on the Great Britain level.

Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: wash the contaminated skin thoroughly with water and soap. Consult a doctor if disturbing symptoms appear.

Eye contact: wash the contaminated eye thoroughly with plenty of water for 10 minutes. Avoid powerful water stream – risk of cornea damage. Protect non-irritated eye, remove contact lenses. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: exposure in this way does not usually occur. However, if swallowed, consult a doctor.

Inhalation: remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms appear.

4.2. Most import ant symptoms and effects, both acute and delayed

Due to the form of the product, no adverse health effects should be expected if the product is used as intended. In case of long-term direct contact of the product with the skin, allergic reactions may occur in susceptible persons.

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

Physician makes an informed decision regarding further medical treatment after a thorough and complete examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: use extinguishing measures that are appropriate to the surroundings.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2. Special hazards arising from the substance or mixture

During the fire, may produce harmful fumes consisting of carbon oxides, nitrogen oxides and other unidentified products of thermal decomposition. Do not inhale combustion products, may cause health risk.

5.3. Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Collect the used extinguishing media.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Avoid skin and eyes contamination. Avoid prolonged contact with the product. Ensure adequate ventilation.

6.2. Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate measures to prevent it from spreading into the environment. Notify relevant emergency services.

6.3. Methods and material for containment and cleaning up

Collect mechanically. Collected material should be reused or treated as waste. Clean the contaminated place with large amount of water and mild detergent, properly ventilate it. Do not use solvents.

6.4. Reference to other sections

Appropriate handling of waste products – see section 13.
Personal protective equipment – see section 8.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good occupational health and safety practices. Avoid skin and eyes contamination. Before each break and after work wash hands carefully. Use only in accordance with the identified purpose. Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed packaging. Keep away from food and feed for animals. Avoid direct sunlight. Recommended storage temperature: 5-25 °C.

7.3. Specific end use(s)

Air freshener.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Specification	TWA 8 hour	STEL 15 min
European Union*		
vinyl acetate [CAS 108-05-4]	17.6 mg/m^3	35.2 mg/m^3
Great Britain**		
vinyl acetate [CAS 108-05-4]	17.6 mg/m^3	35.2 mg/m^3
2,6-di-tert-butyl-p-cresol [CAS 128-37-0]	10 mg/m^3	—

The table above shows the maximum workplace concentration values at the European Union level and in the Great Britain. Please check any national occupational exposure limit values in your country.

Legal Basis: *Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, 2019/1831/EU.

**EH40/2005 Workplace exposure limits Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended) - Fourth Edition 2020.

Recommended control procedures

Procedures Concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace - if they are available and Justified for the position - in Accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

8.2. Exposure controls

Appropriate engineering controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when working. Before breaks and after works carefully wash hands. Ensure adequate general and/or local ventilation.

Personal protective equipment

The necessity to use and selection of appropriate personal protective equipment should take into account the type of risk posed by the product, working conditions and the way of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand and body protection

Not required under normal operating conditions. Use protective gloves in case of a direct or prolonged contact or in case of a failure (in accordance with EN 374).

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Eye/face protection

Not required when used for the intended purpose.

Respiratory protection

Not required when used for the intended purpose. In emergency situations, use respiratory protection.

Thermal hazards

Thermal hazards under normal operating conditions are not to be expected.

Environmental exposure controls

Avoid release to the environment, do not empty into sewage. Possible emissions from ventilation systems and process equipment should be checked to determine their compliance with the requirements of environmental law.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	green
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	not applicable, product is not classified in flammability categories
Lower and upper explosion limit:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	not applicable
Kinematic viscosity:	not determined, solid
Solubility:	insoluble in water
Partition coefficient n-octanol/water (log value):	not applicable
Vapour pressure:	not applicable
Density and/or relative density:	not determined
Relative vapour density:	not applicable
Particle characteristics:	not determined

9.2. Other information

No additional test results.

Section 10: Stability and reactivity

10.1. Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also 10.4-10.5.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Hazardous reactions are not known.

10.4. Conditions to avoid

Avoid sources of heat and direct sunlight.

10.5. Incompatible materials

Organic solvents.

10.6. Hazardous decomposition products

Hazardous decomposition products are not known.

Section 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Toxicity of the components

copolymer of ethylene and vinyl acetate [CAS 24937-78-8]

LD_{50} (oral, rat) > 5 000 mg/kg (ECHA data)

synthetic, amorphous silicon dioxide [CAS 112926-00-8]

LD_{50} (oral, rat) > 5 000 mg/kg (supplier's data)

LD_{50} (skin, rabbit) > 5 000 mg/kg (supplier's data)

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one [CAS 54464-57-2]

LD_{50} (oral, rat) > 2 000 mg/kg (ECHA data)

LD_{50} (skin, rabbit) > 2 000 mg/kg (ECHA data

acetylcedrene [CAS 32388-55-9]

LD_{50} (oral, rat) > 5 000 mg/kg (supplier's data)

LD_{50} (skin, rabbit) > 5 000 mg/kg (supplier's data)

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (HHCB) [CAS 1222-05-5]

LD_{50} (oral, rat) > 4 640 mg/kg (ECHA data, OECD 401 method)

LD_{50} (oral, rat) > 5 000 mg/kg (GESTIS data)

LD_{50} (skin, rabbit) > 2 000 mg/kg (ECHA data)

hexyl salicylate [CAS 6259-76-3]

LD_{50} (oral, rat) > 5 000 mg/kg (supplier's data)

LD_{50} (skin, rabbit) > 5 000 mg/kg (supplier's data)

α-hexylcinnamaldehyde [CAS 101-86-0]

LD_{50} (oral, rat) > 3 100 mg/kg (supplier's data)

LD_{50} (skin, rabbit) > 3 000 mg/kg (supplier's data)

LD_{50} (inhalation, rat) > 5 mg/l/4 h (supplier's data)

Toxicity of the mixture

Acute toxicity

ATE_{mix} (oral) > 2 000 mg/kg

ATE_{mix} (inhalation of vapours) > 20 mg/l

Based on available data, the classification criteria are not met. The acute toxicity estimate (ATE_{mix}) for the classification of a substance in a mixture was determined using the appropriate conversion value from Table 3.1.2 that relates to a classification category (Annex I to CLP as amended).

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

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.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

Routes of exposure: eye contact, skin contact, ingestion, inhalation. Oral exposure is not to be expected due to the form of the product. See subsection 4.2 for more information on the effects from each possible route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

No data.

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

No data.

11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % by weight.

Other information

No data.

Section 12: Ecological information

12.1. Toxicity

This product is toxic to aquatic life with long lasting effects, based on sum of components classified as hazardous to the environment. Due to the product's form, its solubility in water and amount of released substances from the product to the environment, the aquatic hazard is limited.

12.2. Persistence and degradability

The product is hardly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

12.4. Mobility in soil

The product is not mobile in the soil. Mobility in the aquatic environment is little.

12.5. Results of PBT and vPvB assessment

Product does not contain ingredients which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6. Other adverse effects

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

12.7. Other adverse effects

Product has no influence on global warming and destruction of the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (e.g. global warming potential).

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. If possible, recycling is preferred. Waste code should be given in the place of its formation.

Disposal methods for used packing: reuse/recycling/liquidation of empty containers dispose in accordance with the local legislation. Only completely emptied packaging can be recycled.

Legal basis: Directive 2008/98/EC as amended., 94/62/EC as amended.

Section 14: Transport information

14.1. UN number or ID number

UN 3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. [1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (HHCB)]

14.3. Transport hazard class(es)

9

14.4. Packing group

III

14.5. Environmental hazards

Product is classified as hazardous in accordance with transport regulations.

14.6. Special precautions for user

Avoid sources of heat and fire. If any substances have leaked and been spilled in a vehicle or container, it may not be re-used until after it has been thoroughly cleaned and, if necessary, disinfected or decontaminated. Any other goods and articles carried in the same vehicle or container shall be examined for possible contamination.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Additional information

In accordance with special provision 335 the product is not subject to land transport regulations (ADR/RID) and maritime transport regulation (IMDG). In accordance with special provision A158 the product is not subject to air transport regulation (IATA).

Section 15: Regulatory information

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

Regulation No 1907/2006/EC 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, 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 as amended.

Regulation No 1272/2008/EC of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

Commission Regulation No 2020/878/EU of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Regulation 2016/425/EU of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

The Agreement concerning the International Carriage of Dangerous Goods by Road (**ADR**).

IMDG Code International Maritime Dangerous Goods Code.

IATA Dangerous Goods Regulations.

15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for mixtures in accordance with REACH Regulation.

Section 16: Other information

Full text of specified H phrases mentioned in section 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Acute Tox. 4	Acute toxicity, category 4
Aquatic Acute 1	Acute hazardous to the aquatic environment, category 1
Aquatic Chronic 1, 2, 3	Chronic hazardous to the aquatic environment, category 1, 2, 3
Asp. Tox. 1	Aspiration toxicity, category 1
Carc. 2	Carcinogenicity, category 2
Eye Irrit. 2	Eye irritation, category 2
Flam. Liq. 2, 3	Flammable liquid, category 2, 3
Repr. 2	Reproductive toxicity, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin. Sens. 1, 1B	Skin sensitization category 1, 1B
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
STOT SE 3	Specific target organ toxicity - single exposure category 3
TWA	Time Weighted Average
STEL	Short-term exposure limit
LD_{50}	The dose at which deaths of 50 % of the organisms studied are observed
ECHA	European Chemicals Agency
GESTIS	GESTIS Substance Data database
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing work with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. People associated with transport of hazardous materials in accordance with ADR should be adequately trained for their job responsibilities (general training, bench and safety).

Key literature references and data sources

This sheet was prepared on the basis of the safety data sheets of the components supplied by the manufacturer, literature data, online databases, our knowledge and experience, taking into account the current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on supplier's data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended. The acute toxicity estimate (ATE_{mix}) for the classification of a substance in a mixture was determined using the appropriate conversion value from Table 3.1.2 that relates to a classification category (Annex I to CLP as amended).

Other data

Date of issue:	16.08.2022
Version:	1.0/EN
Safety Data Sheet made by:	**THETA Consulting Sp. z o.o.** (on the basis of producer's data)

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.