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Safety data sheet according to 1907/2006/EC, Article 31 and 2020/878/EC

Printing date 12.01.2024

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SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: K2 VENTO IMPRESSIVE AURORA · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · Application of the substance / the mixture Air freshener · 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: Melle Sp. z o. o. Stary Staw 9 63-400 OSTRÓW WLKP. POLAND • Further information obtainable from: Product safety department. zakupy@inter-global.com.pl • 1.4 Emergency telephone number: During normal opening times: 0048/62 737 88 00 **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation GHS09 environment Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects. GHS07 Skin Irrit. 2 H315 Causes skin irritation. Skin Sens. 1 H317 May cause an allergic skin reaction. · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS07 GHS09 · Signal word Warning · Hazard-determining components of labelling: α -hexylcinnamaldehyde dipentene Linalool 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetrametyl-2-naphthyl)ethan-1-one (Contd. on page 2) IE

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(Contd. of page 1) · Hazard statements H315 Causes skin irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. · Precautionary statements Keep out of reach of children. P102 P264 Wash hands thoroughly after handling. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/container to a waste container. · 2.3 Other hazards · Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable.

· Determination of endocrine-disrupting properties

118-58-1 benzyl salicylate

List II

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

• Description: Mixture: consisting of the following components.

CAS: 101-86-0	α-hexylcinnamaldehyde	<10%
EINECS: 202-983-3	🚯 Aquatic Chronic 2, H411; 🕔 Skin Sens. 1, H317	
CAS: 138-86-3	dipentene	<10%
EINECS: 205-341-0	🚸 Flam. Liq. 3, H226; 🚸 Asp. Tox. 1, H304; 🍄 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; 🕎 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 78-70-6	Linalool	<10%
EINECS: 201-134-4	𝚯 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 60-12-8	2-phenylethanol	<10%
EINECS: 200-456-2		
CAS: 54464-57-2	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetrametyl-2-naphthyl)ethan-1-one	<10%
EINECS: 259-174-3	🚸 Aquatic Chronic 1, H410; 🚸 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 140-11-4	benzyl acetate	<10%
EINECS: 205-399-7	Aquatic Chronic 3, H412	
CAS: 106-22-9	Citronellol	<10%
EINECS: 203-375-0	🚸 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 127-51-5	alpha-isomethyl ionone	<10%
EINECS: 204-846-3	🚸 Aquatic Chronic 2, H411; 🚸 Skin Sens. 1, H317	
CAS: 115-95-7	3,7-Dimethyl-1,6-octadien-3-ol acetate	<10%
EINECS: 204-116-4	𝔣 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 118-58-1	benzyl salicylate	<10%
EINECS: 204-262-9	🕸 Aquatic Chronic 2, H411; 🚯 Skin Sens. 1B, H317	
CAS: 88-41-5	2-tert-butylcyclohexyl acetate	<10%
EINECS: 201-828-7	Aquatic Chronic 2, H411	

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CAS: 106-24-1	geraniol (Contd.	$< l_{2}^{0}$
EINECS: 203-377-1	0	~17
CAS: 58567-11-6 EINECS: 261-332-1	Formaldehyde cyclododecyl ethyl acetal Aquatic Chronic 2, H411; (1) Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 6658-48-6 EINECS: 229-695-0	<i>p-Isobutyl-alpha-methyl hydrocinnamaldehyde</i>	
CAS: 18127-01-0 EINECS: 242-016-2	0 p-tert-Butyldihydrocinnamaldehyde	
CAS: 67634-15-5	3-(4-Ethylphenyl)-2,2-dimethylpropanal Aquatic Acute 1, H400; Aquatic Chronic 2, H411; (I) Skin Irrit. 2, H315; Skin Sens. 1A, H317	<10
CAS: 6259-76-3 EINECS: 228-408-6	hexyl salicylate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; 🚸 Skin Irrit. 2, H315	<10
CAS: 68039-49-6 EINECS: 268-264-1		
CAS: 5392-40-5 EINECS: 226-394-6		
CAS: 127-91-3 EINECS: 204-872-5 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317		<10
CAS: 97-54-1 EINECS: 202-590-7	isoeugenol O Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: $C \ge 0.01 \%$	<10
CAS: 57378-68-4 EINECS: 260-709-8	Dihydro floriffone Aquatic Acute 1, H400; Aquatic Chronic 1, H410; � Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	<10

SECTION 4: First aid measures

• 4.1 Description of first aid measures

· General information:

Take affected persons out into the fresh air.

Personal protection for the First Aider.

- After inhalation:
- Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

• After skin contact: Immediately wash with water and soap and rinse thoroughly.

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

· After swallowing: 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.

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SECTION 5: Firefighting measures

• 5.1 Extinguishing media

• Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray.

· For safety reasons unsuitable extinguishing agents: Water with full jet

- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters

• Protective equipment: No special measures required.

• Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Not required.

- 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- **6.4 Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.

· Information about fire - and explosion protection: Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

140-11-4 benzyl acetate

OEL Long-term value: 10 ppm

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5392-40-5 Citral	
OEL Long-term value: 5 ppm	
Inhalable fraction and vapour	
Additional information: The lists valid	l during the making were used as basis.
8.2 Exposure controls	
Appropriate engineering controls No j	further data: see section 7.
Individual protection measures, such	
General protective and hygienic meas	
Keep away from foodstuffs, beverages	
Immediately remove all soiled and con	taminated clothing
Wash hands before breaks and at the e	nd of work.
Store protective clothing separately.	
Avoid contact with the skin.	
Avoid contact with the eyes and skin.	
Respiratory protection:	
	ion use respiratory filter device. In case of intensive or longer exposu
use self-contained respiratory protectiv	ve device.
Hand protection	
- m	
Protective gloves	
Ŭ,	
	ible and resistant to the product/ the substance/ the preparation.
	on to the glove material can be given for the product/ the preparation
the chemical mixture.	consideration of the nonetration times notes of diffusion and
degradation	consideration of the penetration times, rates of diffusion and t
Material of gloves	
	es not only depend on the material, but also on further marks of qual
	nufacturer. As the product is a preparation of several substances, t
	t be calculated in advance and has therefore to be checked prior to t
application.	n be calculated in durance and has mergere to be encented prior to t
Penetration time of glove material	
	e found out by the manufacturer of the protective gloves and has to
observed.	
Eye/face protection Goggles recomme	nded during refilling
SECTION 9: Physical and cher	nical properties
9.1 Information on basic physical and	I chemical properties
General Information	i chemicui properues
Physical state	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point a	
range	Undetermined.
Flammability	Not annlicable

Not applicable.

· Flammability

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Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Liquid
Important information on protection of health an	-
environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	1 1
Evaporation rate	Not determined.
Information with regard to physical hazard classe	'S
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable	
gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

• *Thermal decomposition / conditions to be avoided:* No decomposition if used according to specifications.

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• 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

• 10.5 Incompatible materials: No further relevant information 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

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

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 46,494 mg/kg

78-70-6 Linalool

Oral LD50 2,790 mg/kg (rat)

Dermal LD50 5,610 mg/kg (rabbit)

60-12-8 2-phenylethanol

Oral LD50 1,790 mg/kg (rat) Dermal LD50 790 mg/kg (rabbit)

140-11-4 benzyl acetate

Oral LD50 2,490 mg/kg (rat)

Dermal LD50 >5,000 mg/kg (rabbit)

106-22-9 Citronellol

Oral LD50 3,450 mg/kg (rat)

Dermal LD50 2,650 mg/kg (rabbit)

5392-40-5 Citral

Oral LD50 4,960 mg/kg (rat)

97-54-1 isoeugenol

Oral LD50 1,560 mg/kg (rat)

57378-68-4 Dihydro floriffone

Oral LD50 500 mg/kg (ATE)

· Skin corrosion/irritation Causes skin irritation.

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.

· 11.2 Information on other hazards

· Endocrine disrupting properties

118-58-1 benzyl salicylate

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SECTION 12: Ecological information

· 12.1 Toxicity

• Aquatic toxicity: No further relevant information available.

- · 12.2 Persistence and degradability The product is biodegradable. Degree of biodegradation> 70%
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects
- · Remark: Toxic for fish
- Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

SECTION 13: Disposal considerations

• 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN3082
· 14.2 UN proper shipping name · ADR	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, α- hexylcinnamaldehyde)
·IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, α -
· IATA	hexylcinnamaldehyde), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, α-hexylcinnamaldehyde)
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14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
Class	9 Miscellaneous dangerous substances and articles.
Label	9
14.4 Packing group	
ADR, IMDĞ, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
Special marking (IATA):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Miscellaneous dangerous substances an
	articles.
Hazard identification number (Kemler code):	90 5 4 6 5
EMS Number:	F-A,S-F
Stowage Category	A
14.7 Maritime transport in bulk according to IM	
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: El
	Maximum net quantity per inner packaging: 30 ml
Transport category	Maximum net quantity per outer packaging: 1000 ml 3
Transport category Tunnel restriction code	(-)
IMDG	51.
Limited quantities (LQ) Excepted quantities (EQ)	SL Code: El
Excepted quantities (EQ)	<i>Code: E1</i> <i>Maximum net quantity per inner packaging: 30 ml</i>
	Maximum net quantity per inner packaging: 50 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOU
On mouel Regulation :	SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, O
	HEXYLCINNAMALDEHYDE), 9, III

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

• Seveso category E2 Hazardous to the Aquatic Environment

• Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

 \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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• REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

• DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

• Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation,

Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) 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

2. REGULATION (EC) No 1272/2008 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 Local regulations.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

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.

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.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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(Contd. of page 10) · Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Skin Sens. 1: Skin sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A Skin Sens. 1B: Skin sensitisation - Category 1B Repr. 2: Reproductive toxicity – Category 2 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3