



Printing date 12.03.2024 Version number 1 Revision: 04.09.2023

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

- · 1.1 Product identifier
- · Trade name: K2 EVOS HUNTER
- · 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



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Eye Irrit. 2 H319 Causes serious eye 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







GHS02

GHS07

GHS09

· Signal word Danger

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· Hazard-determining components of labelling:

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetrametyl-2-naphthyl)ethan-1-one

Cedrol methyl ether (R)-p-mentha-1,8-diene

Linalool

· Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

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.

P403+P235 Store in a well-ventilated place. Keep cool.

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

78-93-3 butanone

List II

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- **Description:** Mixture: consisting of the following components.

· Dangerous compone	ents:	
CAS: 64-17-5	ethanol	<60%
EINECS: 200-578-6	Flam. Liq. 2, H225;	
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: 19870-74-7	Cedrol methyl ether	<10%
EINECS: 243-384-7	🕸 Aquatic Chronic 1, H410; 🕠 Skin Sens. 1, H317	
CAS: 34902-57-3	oksacykloheksadecen-2-on	<3%
ELINCS: 422-320-3	🕸 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 18479-58-8	2,6-dimethyloct-7-en-2-ol	<3%
EINECS: 242-362-4	🗘 Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	<3%
EINECS: 227-813-5	 Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412 	
CAS: 78-70-6	Linalool	<3%
EINECS: 201-134-4	🕦 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	

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CAS: 32388-55-9	Acetyl cedrene	of page $2 < 3\%$
		_ _370
EINECS: 251-020-3	💠 Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 67-63-0	propan-2-ol	< 3%
EINECS: 200-661-7	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 78-93-3	butanone	< 3%
EINECS: 201-159-0	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	
CAS: 89957-91-5	Bergamot extract	<1%
EINECS: 289-612-9	♦ Asp. Tox. 1. H304: ♦ Aquatic Acute 1. H400: Aquatic Chronic 1. H410:	_
	 ♠ Asp. Tox. 1, H304; ♠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ♠ Skin Irrit. 2, H315; Skin Sens. 1, H317 	
CAS: 91-64-5	Coumarin	<1%
EINECS: 202-086-7	♦ STOT RE 2, H373; ♦ Acute Tox. 4, H302; Skin Sens. 1, H317	_

[·] Additional information: For the wording of the listed hazard phrases refer to section 16.

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.
- $\cdot \textit{After swallowing:} \textit{ If symptoms persist consult doctor.}$
- 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 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

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

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). Ensure adequate ventilation.

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Do not flush with water or aqueous cleansing agents

· 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.

Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection

0 1 Control navarantano

64-1	17-5 ethanol	
OEL	Short-term value: 1000 ppm	
67-6	63-0 propan-2-ol	
OEL	E Short-term value: 400 ppm Long-term value: 200 ppm Sk	
<i>78-9</i>	93-3 butanone	
OEL	Short-term value: 900 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, IOELV	

64-17-5 ethanol

Oral	consumers-long-term systemic exposure	87 mg/kg m.c. (consumers)
Dermal	consumer-long-term systemic effect	206 mg/kg m.c (consumers)
	workers-long-term systemic exposure	343 mg/kg m.c. (workers)
	workers-short-term systemic exposure	1,900 mg/kg m.c. (workers)
Inhalative	consumer- long-term systemic effects	114 mg/m3 (consumers)
	workers-long-term exposure inhalation	950 mg/kg/m.c. (workers)

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PNE	Cs	
64-17	7-5 ethanol	
Oral	microorganisms during wastewater treatment	580 mg/l (environment)
	soil	0.63 mg/kg (environment)
	sediment	3.6 mg/kg (environment)
	marine environment	0.79 mg/l (environment)
	freshwater environment	0.96 mg/l (environment)
	STP	2.75 mg/l (environment)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- General Information
- Physical stateColour:FluidColourless

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Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range	Undetermined.
Flammability	Highly flammable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	<23 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Soluble.
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.
Form: Important information on protection of health an environment, and on safety.	Liquid d
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
Change in condition	
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	Highly flammable liquid and vapour.
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
	Void
Oxidising solids	Void
	void Void

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· 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.
- · 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:			
64-17-5 etl	64-17-5 ethanol		
Oral	LD50	7,060 mg/kg (rat)	
Inhalative	LC50/4 h	20,000 mg/l (rat)	
5989-27-5	(R)-p-men	tha-1,8-diene	
Oral	LD50	4,400 mg/kg (rat)	
78-70-6 Li	nalool		
Oral	LD50	2,790 mg/kg (rat)	
Dermal	LD50	5,610 mg/kg (rabbit)	
67-63-0 pr	67-63-0 propan-2-ol		
Oral	LD50	5,045 mg/kg (rat)	
Dermal	LD50	12,800 mg/kg (rabbit)	
Inhalative	LC50/4 h	30 mg/l (rat)	
78-93-3 bu	tanone		
Oral	LD50	3,300 mg/kg (rat)	
Dermal	LD50	5,000 mg/kg (rabbit)	
91-64-5 Cd	91-64-5 Coumarin		
Oral	LD50	293 mg/kg (rat)	

- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Causes serious eye irritation.
- · 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.

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· 11.2 Information on other hazards

· Endocrine disrupting properties

78-93-3 butanone

List II

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.

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1993
· 14.2 UN proper shipping name	
$\cdot ADR$	1993 FLAMMABLE LIQUID, N.O.S. (ETHANO)
	(ETHYL ALCOHOL)), ENVIRONMENTALL
	HAZARDOUS
· IMDG	FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHY
	ALCOHOL), 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8
	tetrametyl-2-naphthyl)ethan-1-one), MARIN
	POLLUTANT
· IATA	FLAMMABLE LIQUID, N.O.S. (ETHANOL)

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14.3 Transport hazard class(es)	
· ADR, IMDG	
Y 2	
· Class · Label	3 Flammable liquids. 3
· IATA	
Class	3 Flammable liquids.
Label	3
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	Product contains environmentally hazardous substance 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetrametyl-2, aphthyl)ethan-1-one
Marine pollutant: Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code): EMS Number:	33 F-E,S-E
Stowage Category	B B
14.7 Maritime transport in bulk according to IM	10
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	IL
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per inner packaging: 500 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	D/E
- IMDG	**
Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2
Excepted quantities (EQ)	Coae: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per unter packaging: 500 ml
UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANO (ETHYL ALCOHOL)), 3, II, ENVIRONMENTALL HAZARDOUS

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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

P5c FLAMMABLE LIQUIDS

- Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · 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

/8-93-3	butanone	3	
120-57-0	piperonal	1	

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

	miles in miles processors	
78-93-3	butanone	3
120-57-0	piperonal	1

- · 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 (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

- 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
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.

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(Contd. of page 10) Harmful if swallowed. H302 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. H336 May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. H373 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. EUH066 Repeated exposure may cause skin dryness or cracking. · 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. · 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) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids - Category 2 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. 1B: Skin sensitisation - Category 1B STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 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 I

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