



## SAFETY DATA SHEET /according to Commission Regulation (EU) 830/2015/

### OTTO FRESH (CLEAN BREEZE)

Date of Issue: 4. 3. 2017

Date of Revision: 9. 11. 2017

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#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier: Trade name: **OTTO FRESH (CLEAN BREEZE)**  
CAS Number: Not applicable for the mixture.  
Contains:  $\alpha$ -Hexylcinnamaldehyde (CAS 101-86-0) < 20 %  
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (CAS 54464-57-2) < 4 %  
Ethyl methylphenylglycidate (CAS 77-83-8) < 4 %  
1-(3,3-Diethoxy-2-methylpropyl)-4-propan-2-ylbenzen (CAS 103-95-7) < 2 %  
(*R*)-*p*-mentha-1,8-diene (d-limonene) (CAS 5989-27-5) < 2 %
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:  
Car interior deodorizer (Clean breeze)  
Uses advised against: Not defined. For intended use only. Not for oral consumption.
- 1.3 Details of the supplier of the safety data sheet:  
Manufacturer/supplier: **KALVEI, s. r. o.**  
Address: Americká 22, 120 00 Praha 2, Czech Republic  
Id. No.: 60720832 VAT No.: CZ60720832  
Phone: +420 222 515 930 Fax: +420 222 513 735  
Contact person: Petr Bylok  
[www.kalvei.cz](http://www.kalvei.cz), [Petr.Bylok@kalvei.cz](mailto:Petr.Bylok@kalvei.cz)  
  
Competent person responsible for the safety data sheet: [Eva.Vankova@abitec.cz](mailto:Eva.Vankova@abitec.cz)
- 1.4 Emergency telephone number: **800 424 9300 (spill/release)**  
**+353 1 809 2166 (non-stop)**  
Poisons Information Centre of Ireland  
Beaumont Hospital, PO Box 1297 Beaumont Road, Dublin  
E-mail: [npicdublin@beaumont.ie](mailto:npicdublin@beaumont.ie)

#### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:  
The mixture does meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.  
The mixture is classified as dangerous in accordance with Regulation (EC) No 1272/2008.  
  
Hazard class and category:  
**Skin Sens. 1, H317**  
  
Hazard statements:  
May cause an allergic skin reaction.  
  
The most important adverse physical effects:  
The mixture is not flammable, it is combustible. Thermal decomposition under high temperatures or burning may release a variety of products from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide. Prevent from heating or burning.  
  
The most important adverse human health effects:  
The mixture contains some chemicals which may cause allergic skin reaction. Sensitive people should avoid the contact with the mixture. Avoid the contact with skin and eyes. During long lasting inhalation can cause headache. Avoid long lasting inhalation exposure. Keep carefully the instructions for use.  
  
The most important adverse environmental effects:  
The product is not classified as environmentally hazardous cause of the physical state. Used form of the product does not constitute any practical risks to the environment. Keep the users' instructions to protect aquatic environment.  
Full text of the classification and hazard statements is given in the section 16.
- 2.2 Label elements  
Signal word: Warning  
Pictograms: GHS07



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Hazard statements:

**H317** May cause an allergic skin reaction.

Precautionary statements:

**P103** Read label before use.**P302 + P352** IF ON SKIN: Wash with plenty of water.**P333 + P313** If skin irritation or rash occurs: Get medical advice/attention.**P501** Dispose of contents/container in accordance with local/national regulation.Dangerous components:  $\alpha$ -Hexylcinnamaldehyde (CAS 101-86-0) < 20 %

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (CAS 54464-57-2) &lt; 4 %

Ethyl methylphenylglycidate (CAS 77-83-8) &lt; 4 %

1-(3,3-Diethoxy-2-methylpropyl)-4-propan-2-ylbenzene (CAS 103-95-7) &lt; 2 %

(R)-p-mentha-1,8-diene (d-limonene) (CAS 5989-27-5) &lt; 2 %

Supplemental information on the label:

Contains Hexyl salicylate; 2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal; Eugenol;  $\alpha$ -Pinene. May produce an allergic reaction.

Restricted to professional users/for institutional use only.

Product identifier: **OTTO FRESH (CLEAN BREEZE)** Car interior deodorizerManufacturer/supplier: **KALVEI, s. r. o.**, Americká 22, 120 00 Praha 2, Czech Republic

Phone: +420 222 515 930 Fax: +420 222 513 735

## 2.3 Other hazards:

The mixture does not meet the criteria for PBT or vPvB components, annex XIII of the Regulation (EC) No. 1907/2006, any is not enrolled in the candidate list for the Annex XIV of the Regulation (EC) No. 1907/2006.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Substances: The product is not a substance.

## 3.2 Mixtures

Solid plastic slow-release deodorizing preparation in the form of a car. It is made from pigmented thermoplastic impregnated with a fragrance composition and colour to represent the fragrance.

Form/Shape: The car weighs approximately 52 g (form of a car).

Chemical substance	Content [%]	CAS No.	EC No.	Index No.
Ethylene-vinyl acetate; copolymer	60 – 80	24937-78-8	607-457-0	Not given
$\alpha$ -Hexylcinnamaldehyde	4 – 20	101-86-0	202-983-3	--
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	1 – 4	54464-57-2	259-174-3	--
Ethyl methylphenylglycidate	1 – 4	77-83-8	201-061-8	--
Methyl 2-naphthyl ether	0,2 – 2	93-04-9	202-213-6	--
Benzyl acetate	0,2 – 2	140-11-4	205-399-7	--
2,6-Dimethyloct-7-en-2-ol	0,2 – 2	18479-58-8	242-362-4	--
(2-Tert-butylcyclohexyl) acetate	0,2 – 2	88-41-5	201-828-7	--
1-(3,3-Diethoxy-2-methylpropyl)-4-propan-2-ylbenzene	0,2 – 2	103-95-7	203-161-7	--
(R)-p-Mentha-1,8-diene (d-Limonene)	0,2 – 2	5989-27-5	227-813-5	601-029-00-7
Hexyl salicylate	0,02 – 0,4	6259-76-3	228-408-6	--
2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal	0,02 – 0,4	1205-17-0	214-881-6	--
Eugenol	0,02 – 0,4	97-53-0	202-589-1	--
$\alpha$ -Pinene	0,02 – 0,04	80-56-8	201291-9	--

Classification of the components

Chemical name	Hazard pictograms	Classification	Concentration limits
Ethylene-vinyl acetate; copolymer*	The compound is not classified as dangerous compound.		
$\alpha$ -Hexylcinnamaldehyde*	GHS07	Skin Sens. 1, H317	Skin Sens. 1, H317: c $\geq$ 1 %

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1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one*	GHS07, GHS09	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %
Ethyl methylphenylglycidate*	GHS07, GHS09	Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Sens. 1, H317: c ≥ 1 %
Methyl 2-naphthyl ether*	GHS07	Acute Tox. 4, H302	
Benzyl acetate*	--	Aquatic Chronic 3, H412	
2,6-Dimethyloct-7-en-2-ol*	GHS07	Skin Irrit. 2, H315 Eye Irrit. 2, H319	Skin Irrit. 2, H315: c ≥ 10 % Eye Irrit. 2, H319: c ≥ 10 %
(2-Tert-butylcyclohexyl) acetate*	GHS09	Aquatic Chronic 2, H411	
1-(3,3-Diethoxy-2-methylpropyl)-4-propan-2-ylbenzene*	GHS07	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %
(R)-p-Mentha-1,8-diene (d-Limonene)	GHS02, GHS07, GHS09	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %
Hexyl salicylate*	GHS07, GHS09	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %
2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal*	GHS07, GHS09	Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Sens. 1, H317: c ≥ 1 %
Eugenol*	GHS07	Skin Sens. 1, H317 Eye Irrit. 2, H319	Skin Sens. 1, H317: c ≥ 1 % Eye Irrit. 2, H319: c ≥ 10 %
α-Pinene*	GHS02, GHS07, GHS08	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 %

\* The compound is not classified in the List of harmonized classification. For the classification were used data from databases and SDSs.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures:

In any health complication or in case of doubts, seek medical advice. Show this safety data sheet or the label to the doctor. In case of health problems, do basic life support. Keep unconscious person in recovery position, give nothing by mouth. Do not induce vomiting. In case of spontaneous vomiting avoid vomit aspiration.

## Inhalation:

In relation to the product form, inhalation exposure is improbable. Remove the affected person to fresh air and keep warm and at rest. If breathing difficulties occur (lack of oxygen, irregular breathing), apply artificial respiration. In case of long-lasting breathing problems seek medical advice.

## Skin contact:

Wash thoroughly by water and soap. If skin irritation or allergic reaction occurs, seek medical advice.

## Eye contact:

Eye contact is improbable. Remove contact lenses, if present and easy to do. Rinse wide open eyes with plenty of water, from inner canthus to the outer, mainly the space under eyelids.

## Ingestion:

Possibility of ingestion limited due to product form and difficulty to chew and ingest. In the event of ingestion, do not induce vomiting, rinse mouth thoroughly with water. Seek medical advice.

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

The mixture contains some chemicals which may cause sensitising or allergic skin reaction. Sensitive people should avoid the contact with the mixture. During long lasting inhalation can cause headache.

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

In case of usual usage and if following the instructions for use no health hazards occur, immediate medical treatment is not necessary. Treat symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

- 5.1 Extinguishing media  
Suitable extinguishing media: The mixture is not flammable. Use extinguishing media appropriate for the surrounding fire (dry powder, CO<sub>2</sub>, foam, water spray, mist).  
Unsuitable extinguishing media: None
- 5.2 Special hazards arising from the substance or mixture:  
Thermal decomposition under high temperatures or burning may release a variety of products from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide. Do not breathe the decomposition products in.
- 5.3 Advice for firefighters:  
Full protective clothing should be worn before a confined fire space is entered. Self-contained breathing apparatus should be worn.  
Other information:  
Control run-off water by containing and keeping it out of watercourses.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures  
In relation to the product form the release is improbable. No special requirements in case of accidental release. Keep usual safety requirements, avoid contact with skin.
- 6.2 Environmental precautions  
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of environmental contamination. Keep usual requirements to protect the environment.
- 6.3 Methods and material for containment and cleaning up  
In relation to the product form the release is improbable. Prevent from releasing the unused product into the environment.
- 6.4 Reference to other sections:  
Personal protective equipment – section 8. Unused mixture treatment – section 13.

## **SECTION 7: HANDLING AND STORAGE**

- 7.1 Precautions for safe handling:  
Keep away from direct flames, open fire and heating. Avoid contact with skin and eyes, use personal protective equipment. Respect the instructions in the label. Do not eat, drink and smoke in working area. Wash hands with soap and water after use and before break or eating. Keep general hygiene measures for handling.
- 7.2 Conditions for safe storage, including any incompatibilities:  
Keep in cool, dry conditions in original containers at no more than 30° C.  
Keep out of the reach of children. Store apart from food, beverages and feed.  
Keep the user's instruction.  
Quantity limits under storage conditions: not given
- 7.3 Specific end use(s): Deodorizer.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Control parameters: Not established
- 8.2 Exposure controls:  
Avoid contact with skin and eyes. Respect the instructions in the label. Do not eat, drink and smoke in working area. Keep general hygiene measures for handling. After skin contact wash thoroughly.  
Adjust personal protective equipment to the character of the work.
- Eye/face protection:  
Eye contact is improbable, eye protection is not necessary. Avoid rubbing the mixture into eyes.
  - Skin protection:  
Avoid long-lasting skin contact. Wash affected skin thoroughly.
  - Hand protection:  
Protective gloves if needed – Follow the producer recommendation. Material should be

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resistant to the substances of the mixture. Test before the first use. Change damaged gloves.

Sensitive people and allergic person should avoid skin contact with the product.

- Respiratory protection:  
Not needed.

- Thermal hazards:  
Not defined.

Environmental exposure controls

Keep usual requirements to protect the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1 Information on basic physical and chemical properties

Appearance: Thermoplastic car shaped air freshener  
 Colour: Blue  
 Odour: Clean breeze  
 pH: Not determined  
 Melting point/freezing point: Cca 60 °C  
 Initial boiling point and boiling range: Not determined  
 Flash point: Not applied  
 Evaporation rate: Not determined  
 Flammability (solid, gas): The mixture is not flammable  
 Upper/lower flammability or explosive limits: Upper (% vol.): The mixture is not explosive.  
 Lower limit (% vol.): --  
 Vapour pressure (at 20 °C): Not determined/applicable  
 Vapour density: Not determined/applicable  
 Relative density (at 20 °C): Not determined  
 Solubility: In water – insoluble  
 In fat – not determined  
 Partition coefficient *n*-octanol/water: Not determined  
 Auto-ignition temperature: The mixture is not flammable  
 Viscosity (kinematic 40 °C): Not determined  
 Oxidising properties: Intact

## 9.2 Other information: None

**SECTION 10: STABILITY AND REACTIVITY**

## 10.1 Reactivity:

If the user´s instructions are followed, there is no risk of dangerous reactions.

## 10.2 Chemical stability:

The mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

## 10.3 Possibility of hazardous reactions:

Following recommended use directions there are no hazardous reactions.

## 10.4 Conditions to avoid:

Very high temperatures, open flames, contact with incompatible materials.

## 10.5 Incompatible materials:

Strong oxidizing agents. Avoid contact with usual household chemicals.

## 10.6 Hazardous decomposition products:

No decompositions under usual conditions. Thermal decomposition under high temperatures or burning may release a variety of products from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide.

Other information: None

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1** Information on toxicological effects

The mixture includes a small quantity of fragrance chemicals which may contain substances that can cause an allergic reaction to skin. In relation of the product form it constitutes any risk for human health.

Acute toxicity:

The mixture is not classified as acute toxic.

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:

The mixture is classified as sensitising to skin, category 1. 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.

Specific target organ toxicity – single exposure:

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

Specific target organ toxicity – repeated exposure:

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

Aspiration hazard:

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

Other information: Experience at human:

The mixture contains some chemicals which may cause allergic skin reaction. Sensitive people should avoid the contact with the mixture. During long lasting inhalation can cause headache. Avoid long lasting inhalation exposure.

**SECTION 12: ECOLOGICAL INFORMATION**

No specific information has been established regarding the product.

- |      |                                    |   |
|------|------------------------------------|---|
| 12.1 | Toxicity                           | The impregnating mixture contains substances which are classified as harmful to aquatic organisms. The product is not classified cause of the physical state, article 9, paragraph 5 of Regulation (EC) No. 1272/2008. The leakage is improbable. |
| 12.2 | Persistence and degradability      | Not determined/applicable   |
| 12.3 | Bioaccumulative potential          | Not determined/applicable   |
| 12.4 | Mobility in soil                   | Not determined/applicable   |
| 12.5 | Results of PBT and vPvB assessment | The mixture does not contain PBT and vPvB compounds.  |
| 12.6 | Other adverse effects              | Prevent leakage of larger amount of the impregnating mixture. Avoid entering the drains, soil and surface water or groundwater.   |

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1** Waste treatment methods

Dispose in accordance with Local Authority requirements e.g., for used product, as household waste.

Container treatment: Dispose in accordance with national regulations, in the system of separated or communal waste.

**SECTION 14: TRANSPORT INFORMATION**

Basic information for transport:

Transport in appropriate containers. Comply with the prescribed labelling.

The transport of the mixture is not regulated after ADR, RID, ICAI/IATA, IMDG.

**14.1** UN number Not determined

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- 14.2 UN proper shipping name Not determined
- 14.3 Transport hazard class(es) Not determined
- 14.4 Packing group Not determined
- 14.5 Environmental hazards Not determined
- 14.6 Special precautions for user Not determined
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not determined.

**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 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 (CLP), as subsequently amended.
  - Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and amendments.
  - Commission regulation (EU) 2015/830 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and amendments.

Notice: Regulations listed above are only basic directives in this safety data sheet. Other additional regulations, which can add these above, may exist. We do refer to state, local and international laws and directions which may differ according to the country.
- 15.2 Chemical safety assessment  
Chemical safety assessment has not been carried out for this mixture.

**SECTION 16: OTHER INFORMATION**

Hazard statements used in this safety data sheet:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Abbreviations used in this safety data sheet:

Skin Irrit. 2 – Skin corrosion/irritation, category 2

Skin Sens. 1 – Respiratory/skin sensitisation, category 1

Eye Irrit. 2 – Serious damage to eyes/eye irritation, category 2

Aquatic Acute 1 – Acute aquatic hazard, category 1

Aquatic Chronic 1, 2, 3 – Long-term aquatic hazard, category 1, 2, 3

PBT – persistent, bioaccumulative and toxic

vPvB – very persistent and very bioaccumulative

LD<sub>50</sub> – Lethal dose, 50 percent

ADR – Agreement on Dangerous Goods by Road – Europe

The mixture should be used only for the purpose defined in 1.2. Specific end uses are out of the supplier control, the user is responsible to fit the information from this safety data sheet to local directives and regulations. Safety data sheet describes the product from the point of safety. This information is not the technical information about the product.

Instructions for training and other measures: Provide adequate information, instruction and training for operators.

Sources of information: Supplier's data and toxicological databases.

Revision changes: Revision of the classification of the mixture.

Declaration:

This safety data sheet contains information believed to be correct. It should be used only as a guide. It does not represent any guarantee of the properties of the product. The supplier and its affiliates shall not be liable for any damage resulting from handling or from contact with the above product. User is responsible for handling according to existing laws and regulations.

This safety data sheet meets the requirements the actual standards OSHA Hazard Communication Standard (HCS) and European legal regulations. The mixture is classified according to the criteria given in the Annex I of the Regulation (EC) No. 1272/2008.