SAFETY DATA SHEET

/according to Annex II Regulation (EC) No. 1907/2006 of the Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878/

WAVE DEODORIZER 2.0, WAVE DEODORIZER 3D SINGLE PACK (Cotton blossom)

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

1.1 Product identifier:

Trade name: **WAVE DEODORIZER 2.0, WAVE DEODORIZER 3D SINGLE PACK (Cotton blossom)**

CAS Number: Not applicable for the mixture.

Contains: 3,7-Dimethyloctan-3-ol (Tetrahydro Linalool) (CAS 78-69-3) < 2 %
Hexyl salicylate (CAS 6259-76-3) < 2 %
4-Tert. butylcyclohexyl acetate (CAS 32210-23-4) < 2 %

1.2 Relevant identified uses of the substance or mixture and uses advised against:
Urinal deodorizer (Cotton blossom)
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, Petr.Bylok@kalvei.cz

Competent person responsible for the safety data sheet: Eva.Vankova@abitec.cz

1.4 Emergency telephone number: **800 424 9300 (spill/release)**

111 (non-stop) in England
National Poisons Information Service, England

+**353 1 809 2166 (non-stop)**
Poisons Information Centre of Ireland
Beaumont Hospital, PO Box 1297 Beaumont Road, Dublin
E-mail: 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, as subsequently amended.

Hazard class and category:
Skin Sens. 1, H317
Eye Irrit. 2, H319

Hazard statements:
May cause an allergic skin reaction. Causes serious eye irritation.

The most important adverse physical effects:
The mixture is not flammable, 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 (redness, dermatitis). Sensitive people should avoid the contact with the mixture. The mixture, which is the product impregnated by, contains some substances irritating to eyes and skin, in the used form they does not mean any important hazard. 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 mixture contains small amount of chemicals, which are classified as hazardous to aquatic life. 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



Hazard statements:
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements:
P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P333 + P313: If skin irritation or rash occurs: Get medical attention.
P501: Dispose of contents in accordance with local/national regulation.

Dangerous components: 3,7-Dimethyloctan-3-ol (Tetrahydro Linalool) (CAS 78-69-3) < 2 %
Hexyl salicylate (CAS 6259-76-3) < 2 %
4-Tert. butylcyclohexyl acetate (CAS 32210-23-4) < 2 %

Supplemental information on the label:
Product identifier: **WAVE DEODORIZER 2.0, WAVE DEODORIZER 3D SINGLE PACK (Cotton blossom)** Urinal deodorizer
Contains α-Methyl-1,3-benzodioxole-5- propionaldehyde; 1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten--1-on; 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.
Manufacturer/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 or any contained substance does not meet the criteria for PBT or vPvB components in accordace with Annex XIII, any compound is not enrolled in the candidate list for the Annex XIV of the Regulation (EC) No. 1907/2006, any was included in the list established in accordance with Article 59(1) for having endocrine disruptiong properties or identified as having endocrine disrupting properties in accordace with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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 moulded urinal screen. It is made of pigmented thermoplastic impregnated with a fragrance composition and colour to represent the fragrance.
Form/Shape: Screen weighs approximately 58 g in the form of a circle with open slots and protrusions (7" diameter approximately).

Chemical substance	Content [%]	CAS No.	EC No.	Index No.
Ethylene-vinyl acetate; copolymer	73 – 78	24937-78-8	607-457-0	--
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate	10 – 13	5413-60-5	226-501-6	--
3,7-Dimethyloctan-3-ol (Tetrahydro Linalool)	1 – 2	78-69-3	201-133-9	--
Methyl benzoate	1 – 2	93-58-3	202-259-7	--
2-Methyl-1-phenylpropan-2-ol	1 – 2	100-86-7	202-896-0	--
2-Phenoxyethanol	1 – 2	122-99-6	204-589-7	603-098-00-9
Pentyl salicylate	1 – 2	2050-08-0	218-080-2	--
Hexyl salicylate	1 – 2	6259-76-3	228-408-6	607-772-00-3
Terpineol	1 – 2	8000-41-7	232-268-1	--
3a,4,5,6,7,7a-Hexahydro-	1 – 2	17511-60-3	241-514-7	--

4,7-methano-1H-inden-6-yl propionate				
4-Tert. butylcyclohexyl acetate	1 – 2	32210-23-4	250-954-9	--
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative	1 – 2	53219-21-9	258-432-2	--
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (*cis* and *trans*) (Florol)	1 – 2	--	405-040-6	603-101-00-3
α-Methyl-1,3-benzodioxole-5-propionaldehyde	0,1 – 0,4	1205-17-0	214-881-6	605-042-00-9
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-on	0,1 – 0,4	57378-68-4	260-709-8	--
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	0,1 – 0,4	68039-49-6	268-264-1	605-043-00-4

Classification of the components

Chemical name	**Hazard pictograms**	**Classification**	**Concentration limits**
Ethylene-vinyl acetate; copolymer*	The compound is not classified as dangerous compound.		
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate*	GHS02	Flam. Liq. 3, H226 Aquatic Chronic 3, H412	
3,7-Dimethyloctan-3-ol (Tetrahydro Linalool)*	GHS07	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	Skin Irrit. 2, H315: c ≥ 10 % Skin Sens. 1, H317: c ≥ 1 % Eye Irrit. 2, H319: c ≥ 10 %
Methyl benzoate*	GHS07	Acute Tox. 4, H302	
2-Methyl-1-phenylpropan-2-ol*	GHS07	Acute Tox. 4, H302	
2-Phenoxyethanol	GHS05, GHS07	Acute Tox. 4, H302 Eye Dam 1, H318 STOT SE 3, H335	Eye Dam. 1, H318: c ≥ 3 % STOT SE 3, H335: c ≥ 20 %
Pentyl salicylate*	GHS09	Aquatic Chronic 2, H411	
Hexyl salicylate	GHS07, GHS08	Skin Sens. 1, H317 Repr. 2, H361d	Skin Sens. 1, H317: c ≥ 1 % Repr. 2, H361d: c ≥ 3 %
Terpineol*	GHS07	Skin Irrit. 2, H315 Eye Irrit. 2, H319	Skin Irrit. 2, H315: c ≥ 10 % Eye Irrit. 2, H319: c ≥ 10 %
3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-inden-6-yl propionate*	GHS07, GHS09	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	Eye Irrit. 2, H319: c ≥ 10 %
4-Tert. butylcyclohexyl acetate*	GHS09	Skin Sens. 1B, H317	Skin Sens. 1, H317: c ≥ 1 %
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative*	GHS07	Eye Irrit. 2, H319	Eye Irrit. 2, H319: c ≥ 10 %
Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (*cis* and *trans*)	GHS07	Eye Irrit. 2, H319	Eye Irrit. 2, H319: c ≥ 10 %
α-Methyl-1,3-benzodioxole-5-propionaldehyde	GHS07	Skin Sens. 1B, H317	Skin Sens. 1, H317: c ≥ 1 % EUH208: 0,1 % ≤ c < 1%
1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-on*	GHS07, GHS09	Acute Tox. 4, H302 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 % EUH208: 0,1 % ≤ c < 1%
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	GHS07, GHS09	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	Skin Sens. 1, H317: c ≥ 1 % EUH208: 0,1 % ≤ c < 1% Skin Irrit. 2, H315: c ≥ 10 % Eye Irrit. 2, H319: c ≥ 10 %

* 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 (redness, dermatitis). Sensitive people should avoid the contact with the mixture. The mixture, which is the product impregnated by, contains some substances irritating to eyes and skin, in the used form they does not mean any hazard. 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_2, 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
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. The fragrance mixture is not washed into water. 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): Urinal 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.
- Skin protection:
  Avoid long-lasting skin contact. Wash affected skin thoroughly.
- Hand protection:
  Protective gloves are recommended for contact with skin for sensitive people. – Follow the producer´s recommendation. Material should be 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

Physical state:	Thermoplastic urinal screen infused with fragrance oil
Colour:	Blue
Odour:	Cotton blossom
Melting point/freezing point:	Cca 60 °C
Boiling point or initial boiling point and boiling range:	Not determined
Flammability (solid, gas):	The mixture is not flammable
Lower and upper explosion limit:	Upper (% vol.): The mixture is not explosive.
	Lower limit (% vol.): --
Flash point:	Not applied
Auto-ignition temperature:	The mixture is not flammable
Decomposition temperature:	Not determinated
pH:	Not determined

Kinematic viscosity (kinematic 40 °C): Not determined
Solubility: In water – insoluble
In fat – not determined
Partition coefficient *n*-octanol/water: Not determined
Vapour pressure (at 20 °C): Not determined/applicable
Density and/or relative density: Not determined
Relative vapour density (at 20 °C): Not determined
Particle characteristics: No defined particles

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.

SECTION 11: TOXICOLOGICAL INFORMATION

The mixture includes a small quantity of volatile fragrance chemicals which may contain small amounts of substances that can cause an allergic reaction, are harmful if swallowed and if on skin, irritating to the eyes and skin. In relation of the product form it constitutes any risk for human health.

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

Acute toxicity:
The mixture is not classified as acute toxic by any way of exposure.

Skin corrosion/irritation:
Based on available data, the classification criteria are not met.

Serious eye damage/irritation:
The mixture is classified as irritating to eyes, category 2.

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.

11.2 Information on other hazards
The mixture contains no substances identified as having endocrine disrupting properties.
The mixture contains some chemicals which may cause sensitising or allergic skin reaction (redness, dermatitis). Sensitive people should avoid the contact with the mixture. The mixture, which is the product impregnated by, contains some substances irritating to eyes and skin, in the used form they does not mean any hazard. During long lasting inhalation can cause headache.

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 substances in the PBT and vPvB groups of Annex XIII of REACH as amended.
12.6	Endocrine disrupting properties	Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.
12.7	Other adverse effects	Prevent leakage of larger amount of the 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 or ID number Not determined
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 Maritime transport in bulk according to IMO instruments 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 and amendments.
- 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.

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:
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H361d Suspected of damaging the unborn child.
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:
Flam. Liq. 3 – Flammable liquids, category 3
Acute Tox. 4 – Acute toxicity, category 4
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
Repr. 2 – Reproductive toxicity, 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_{50} – 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: Regular revision, change in harmonised classification of some substances.

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. Our company 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.