

Material Safety Data Sheet

Completed 10-03-2026
Revision: (date) -
SDS version 1.0

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

1.1. Product Identifier

Trade Name: Reed diffuser BASTIAN warm
Product- no.: 2786700
UFI: 9KF0-CA2C-4408-5RJV

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

Recommended uses:

Diffuser

Uses advised against:

This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet

Company and address: DK International Interior A/S Niels Bohrs Vej 45 DK-8660 Skanderborg Tlf.: +45 87 81 75 20 www.dkigroup.dk	Importer: JYSK Ltd. 1st Floor Biostat House, Pepper Road Hazel Grove, Stockport, SK7 5BW Tlf.: (+44) 0845 389 3089 compliancequality@JYSK.com
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Contact person and E-mail:

dkl@dk-international.dk

The Safety data sheet is completed and validated by:

Mediator ApS, Centervej 2, DK-6000 Kolding. Consultant: DH

1.4. Emergency telephone number

NHS (National Health Service): 111

Use your national or local emergency number - See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019:
Eye Irrit. 2;H319

See full text of H-phrases in section 16.

2.2. Label elements



Signal word:

Warning

Causes serious eye irritation. (H319)

Contains 4-tert-butylcyclohexyl acetate; 3,7-dimethylnona-1,6-dien-3-ol; 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; citral; (R)-p-mentha-1,8-diene; (1a(E),2b)-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one. May produce an allergic reaction. (EUH 208)

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

If eye irritation persists: Get medical advice/attention. (P337 + P313)

Absorb spillage to prevent material damage. (P390)

2.3. Other hazards

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Additional labelling:

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Additional warnings

The product does not meet the criteria for PBT or vPvB.

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SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
3-Methoxy-3-methylbutan-1-ol	- / 01-2119976333-33-xxxx	56539-66-3	260-252-4	Eye Irrit. 2;H319	70 - 90	-
4-tert-Butylcyclohexyl acetate	- / 01-2119976286-24-xxxx	32210-23-4	250-954-9	Skin Sens. 1B,H317	0,5 - <1	-
3,7-Dimethylnona-1,6-dien-3-ol	- / -	10339-55-6	233-732-6	Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319	0,5 - <1	-
1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	- / -	68155-66-8	268-978-3	Skin Irrit. 2;H315, Skin Sens. 1;H317, Aquatic Chronic 1;H411	0,1 - <0,5	-
Citral	605-019-00-3 / 01-2119462829-23-xxxx	5392-40-5	226-394-6	Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319	0,1 - <0,5	-
(R)-p-Mentha-1,8-diene	601-029-00-7 / 01-2119529223-47-xxxx	5989-27-5	227-813-5	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	0,01 - <0,1	-
(1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one	- / 01-2119535122-53-xxxx	71048-82-3	275-156-8	Acute Tox. 4;H302, Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Chronic 2;H411	0,01 - <0,1	-

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

In case of discomfort: Seek fresh air.

Seek medical advice in case of persistent discomfort.

Ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

Seek medical advice in case of discomfort.

Skin contact:

Remove contaminated clothing.

Wash skin with soap and water.

Seek medical advice in case of discomfort.

Eye contact:

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Additional information:

When obtaining medical advice, show the safety data sheet or label.

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

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist.

Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Avoid inhalation of vapour and fumes – seek fresh air.

Hazardous fumes are formed in fire conditions.

Exposure to decomposition products may cause a health hazard.

5.3. Advice for firefighters

Fire fighters should wear appropriate protective equipment.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8 for type of protective equipment.
Avoid contact with skin and eyes.

6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Wipe up spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.
Running water and eye wash equipment should be available.

7.2. Conditions for safe storage, including any incompatibilities

The product must be stored safely and away from food, animal feeding stuffs, medicines, etc.
Keep in tightly closed original packaging.

7.3. Specific end use(s)

See application section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits according to EH40/2005 Workplace exposure limits (Fourth Edition 2020):

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DNEL/PNEC-values:

DNEL 3-Methoxy-3-methylbutan-1-ol

	Workers	Consumers
Inhalation - Chronic Systemic	80 mg/m ³	40 mg/m ³
Dermal - Chronic Systemic	6,25 mg/kg bw/day	3,1 mg/kg bw/day
Oral - Chronic Systemic	-	2,5 mg/kg bw/day

DNEL 4-tert-Butylcyclohexyl acetate

	Workers	Consumers
Inhalation - Chronic Systemic	4,93 mg/m ³	0,87 mg/m ³
Dermal - Chronic Systemic	1,4 mg/kg bw/day	0,5 mg/kg bw/day
Oral - Chronic Systemic	-	0,5 mg/kg bw/day

DNEL 3,7-Dimethylnona-1,6-dien-3-ol

	Workers	Consumers
Inhalation - Chronic Systemic	3 mg/m ³	0,74 mg/m ³
Inhalation - Acute Systemic	18 mg/m ³	4,4 mg/m ³
Dermal - Chronic Systemic	2,7 mg/kg bw/day	1,4 mg/kg bw/day
Dermal - Acute Systemic	5,5 mg/kg bw/day	2,7 mg/kg bw/day
Dermal - Chronic Local	1,6 mg/cm ²	1,6 mg/cm ²
Dermal - Acute Local	1,6 mg/cm ²	1,6 mg/cm ²
Oral - Chronic Systemic	-	0,2 mg/kg bw/day
Oral - Acute Systemic	-	1,3 mg/kg bw/day

DNEL Citral

	Workers	Consumers
Inhalation - Chronic Systemic	9 mg/m ³	2,7 mg/m ³
Dermal - Chronic Systemic	1,7 mg/kg bw/day	1 mg/kg bw/day
Dermal - Chronic Local	140 µg/cm ²	140 µg/cm ²
Oral - Chronic Systemic	-	0,6 mg/kg bw/day

DNEL (R)-p-Mentha-1,8-diene

	Workers	Consumers
Inhalation - Chronic Systemic	66,7 mg/m ³	16,6 mg/m ³
Dermal - Chronic Systemic	9,5 mg/kg bw/day	4,8 mg/kg bw/day
Oral - Chronic Systemic	-	4,8 mg/kg bw/day

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DNEL (1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one

	Workers	Consumers
Inhalation - Chronic Systemic	83,6 mg/m ³	8,7 mg/m ³
Dermal - Chronic Systemic	158 mg/kg bw/day	25 mg/kg bw/day
Dermal - Chronic Local	116 µg/cm ²	69 µg/cm ²
Oral - Chronic Systemic	-	0,25 mg/kg bw/day

PNEC 4-tert-Butylcyclohexyl acetate

Fresh water	9,02 µg/L
Intermittent releases (Fresh water)	53 µg/L
Marine water	0,902 µg/L
Intermittent releases (Marine water)	5,3 µg/L
Soil	0,709 mg/kg soil dw

PNEC 3,7-Dimethylnona-1,6-dien-3-ol

Fresh water	0,023 mg/L
Intermittent releases (Fresh water)	0,23 mg/L
Marine water	0,002 mg/L
Soil	0,031 mg/kg soil dw

PNEC Citral

Fresh water	0,007 mg/L
Intermittent releases (Fresh water)	0,068 mg/L
Marine water	0,001 mg/L
Soil	0,021 mg/kg soil dw

PNEC (R)-p-Mentha-1,8-diene

Fresh water	14 µg/L
Marine water	1,4 µg/L
Soil	0,763 mg/kg soil dw

PNEC (1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one

Fresh water	7,4 µg/L
Marine water	0,74 µg/L
Soil	0,207 mg/kg soil dw

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Wash hands after use.

Personal protective equipment:

Respiratory protection:

Generally not required.

Hand protection:

Generally not required.

Eye/face protection:

Generally not required.

Wear safety goggles if there is a risk of eye splash.

Skin protection:

Generally not required.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Clear
Odour:	Perfumed odour
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	> 100
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	-
Kinematic viscosity (mm ² /s):	-
Solubility:	Soluble in water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Avoid contact with strong bases.

Avoid contact with strong oxidising agents.

Avoid contact with strong acids.

10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

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SECTION 11: Toxicological information

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

Acute toxicity:

Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
3-Methoxy-3-methylbutan-1-ol	Oral	Rat	LD50	4,3 g/kg bw
3-Methoxy-3-methylbutan-1-ol	Inhalation	Rat	LC50/ 4 Hours	> 5 mg/L air
3-Methoxy-3-methylbutan-1-ol	Dermal	Rat	LD50	> 2000 mg/kg bw
4-tert-Butylcyclohexyl acetate	Oral	Rat	LD50	3,55 mL/kg bw
4-tert-Butylcyclohexyl acetate	Dermal	Rabbit	LD50	> 4680 mg/kg bw
3,7-Dimethylnona-1,6-dien-3-ol	Oral	Rat	LD50	5283 mg/kg bw
3,7-Dimethylnona-1,6-dien-3-ol	Dermal	Rabbit	LD50	> 5000 mg/kg bw
Citral	Oral	Rat	LD50	~ 6800 mg/kg bw
Citral	Dermal	Rat	LD50	> 2000 mg/kg bw
(R)-p-Mentha-1,8-diene	Oral	Rat	LD50	>2000 mg/kg bw
(1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one	Oral	Rat	LD50	1400 mg/kg bw

Skin corrosion/irritation:

May cause slight irritation.

Serious eye damage/irritation:

Irritating to eyes. Causes a burning sensation and tearing.

Respiratory or skin sensitisation:

Contains 4-tert-butylcyclohexyl acetate; 3,7-dimethylnona-1,6-dien-3-ol; 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; citral; (R)-p-mentha-1,8-diene; (1a(E),2b)-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one. May produce an allergic reaction.

Germ cell mutagenicity:

Based on the existing data, the classification is not met.

Carcinogenicity:

Based on the existing data, the classification is not met.

Reproductive toxicity:

Based on the existing data, the classification is not met.

STOT-single exposure:

Based on the existing data, the classification is not met.

STOT-repeated exposure:

Based on the existing data, the classification is not met.

Aspiration hazard:

Based on the existing data, the classification is not met.

11.2. Information on other hazards

Test data are not available.

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SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
3-Methoxy-3-methylbutan-1-ol	96 Hours	Fish	LC50	> 100 mg/L
3-Methoxy-3-methylbutan-1-ol	48 Hours	Daphnia	EC50	> 1000 mg/L
3-Methoxy-3-methylbutan-1-ol	72 Hours	Algae	EC50	> 1000 mg/L
4-tert-Butylcyclohexyl acetate	96 Hours	Fish	LC50	8,6 mg/L
4-tert-Butylcyclohexyl acetate	48 Hours	Daphnia	EC50	5,3 mg/L
4-tert-Butylcyclohexyl acetate	72 Hours	Algae	EC50	22 mg/L
3,7-Dimethylnona-1,6-dien-3-ol	96 Hours	Fish	LC50	24 mg/L
3,7-Dimethylnona-1,6-dien-3-ol	48 Hours	Daphnia	EC50	23 mg/L
3,7-Dimethylnona-1,6-dien-3-ol	72 Hours	Algae	EC50	13,3 mg/L
Citral	96 Hours	Fish	LC50	6,78 mg/L
Citral	48 Hours	Daphnia	EC50	6,8 mg/L
Citral	72 Hours	Algae	EC50	103,8 mg/L
(R)-p-Mentha-1,8-diene	96 Hours	Fish	LC50	702 µg/L
(R)-p-Mentha-1,8-diene	48 Hours	Daphnia	EC50	0,307 mg/L
(R)-p-Mentha-1,8-diene	72 Hours	Algae	EC50	0,214 mg/L
(1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one	96 Hours	Fish	LC50	0,97 mg/L
(1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one	72 Hours	Algae	EC50	4,54 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
3-Methoxy-3-methylbutan-1-ol	Yes	OECD Guideline 301 F	28 Days 93 %
4-tert-Butylcyclohexyl acetate	Yes	EU Method C.4-C	29 Days 75%
3,7-Dimethylnona-1,6-dien-3-ol	Yes	OECD Guideline 301 F	28 Days 91%
Citral	Yes	OECD Guideline 301 C	28 Days ca. 85-95%
(R)-p-Mentha-1,8-diene	Yes	OECD Guideline 301 D	28 Days 80%
(1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one	No	OECD Guideline 301 C	28 Days 16 %

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12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
3-Methoxy-3-methylbutan-1-ol	No	0,18
4-tert-Butylcyclohexyl acetate	Yes	4,8
3,7-Dimethylnona-1,6-dien-3-ol	Yes	3,3
Citral	No	2,76
(R)-p-Mentha-1,8-diene	Yes	4,38
(1a(E),2b)-1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one	Yes	4,2

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

12.6. Endocrine disrupting properties

Test data are not available.

12.7. Other adverse effects

None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC-Code	Description
16 03 05	Organic wastes containing hazardous substances

Specific labelling:

-

Contaminated packaging:

Empty packaging and residues must be disposed of through the municipal waste collection service for hazardous waste.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 -14.4.

ADR

-

IMDG/IATA

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

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Other:

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Minor changes have been made in following sections:

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This material safety data sheet replaces version:

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