

# Material Safety Data Sheet

Completed 04-11-2024  
Revision: (date) 23-09-2025  
SDS version 1.1

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

### 1.1. Product Identifier

Trade Name: Reed diffuser MOHEDA lemon verde 100ml  
Product- no.: 2787200  
UFI: N020-2047-U009-2VV0

### 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  
<https://www.dkigroup.dk>

#### **Importer:**

JYSK a/s  
Soedalsparken 18  
DK-8220 Brabrand  
Tlf.: +45 8939 7500  
[Compliancequality@JYSK.com](mailto:Compliancequality@JYSK.com)

#### **Contact person and E-mail:**

[dkl@dk-international.dk](mailto:dkl@dk-international.dk)

#### **The Safety data sheet is completed and validated by:**

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

### 1.4. Emergency telephone number

Healthcare Professionals: +353 01 809 2566 (27/7)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP (1272/2008):  
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 limonen, linalool, hexyl cinnamal, octanal, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde. 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.

## 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-methyl-1-butanol              | - / 01-2119976333-33-xxxx            | 56539-66-3 | 260-252-4  | Eye Irrit. 2;H319                                                                                                             | 70 - 85     | -    |
| Limonene                                  | 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 | ≥ 0,1 - < 1 | -    |
| Linalool                                  | 603-235-00-2 / 01-2119474016-42-xxxx | 78-70-6    | 201-134-4  | Skin Sens. 1B;H317                                                                                                            | ≥ 0,1 - < 1 | -    |
| Hexyl cinnamal                            | - / 01-2119533092-50-xxxx            | 101-86-0   | 202-983-3  | Skin Sens. 1;H317, Aquatic Acute 1;H400 M=1, Aquatic Chronic 2;H411                                                           | ≥ 0,1 - < 1 | -    |
| Octanal                                   | - / 01-2119533092-xxxx               | 124-13-0   | 639-566-4  | Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Eye Irrit. 2;H319                                                  | ≥ 0,1 - < 1 | -    |
| 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde | - / -                                | 68039-49-6 | 268-264-1  | Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411                                                                | ≥ 0,1 - < 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

The product is not directly flammable. 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

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### 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.

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## SECTION 7: Handling and storage

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### 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

There are no special requirements for storage. However, it should be stored safe and out of the reach of children.  
Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

See application section 1.

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## SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

The Health and Safety Authority, 2021 Code of Practice.

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#### DNEL/PNEC-values:

##### DNEL 3-Methoxy-3-methyl-1-butanol

|                               | Workers              | Consumers            |
|-------------------------------|----------------------|----------------------|
| Inhalation - Chronic Systemic | 80 mg/m <sup>3</sup> | 40 mg/m <sup>3</sup> |
| 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 Limonene

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

##### DNEL Linalool

|                               | Workers                 | Consumers              |
|-------------------------------|-------------------------|------------------------|
| Inhalation - Chronic Systemic | 24,58 mg/m <sup>3</sup> | 4,33 mg/m <sup>3</sup> |
| Dermal - Chronic Systemic     | 3,5 mg/kg bw/day        | 1,25 mg/kg bw/day      |
| Dermal - Chronic Local        | 3 mg/cm <sup>2</sup>    | 1,5 mg/cm <sup>2</sup> |
| Dermal - Acute Local          | 3 mg/cm <sup>2</sup>    | 1,5 mg/cm <sup>2</sup> |
| Oral - Chronic Systemic       | -                       | 2,49 mg/kg bw/day      |

##### PNEC Limonene

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

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## PNEC Linalool

|                                     |                     |
|-------------------------------------|---------------------|
| Fresh water                         | 0,2 mg/L            |
| Intermittent releases (Fresh water) | 2 mg/L              |
| Marine water                        | 0,02 mg/L           |
| Soil                                | 0,327 mg/kg soil dw |

## PNEC Octanal

|             |                     |
|-------------|---------------------|
| Fresh water | 0,005 mg/L          |
| Soil        | 0,043 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.

##### **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

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### 9.1. Information on basic physical and chemical properties

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Physical state:                                                | Liquid         |
| Colour:                                                        | -              |
| 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):                                              | > 105          |
| Auto-ignition temperature (°C):                                | -              |
| Decomposition temperature (°C):                                | -              |
| pH:                                                            | -              |
| Kinematic viscosity (mm <sup>2</sup> /s):                      | -              |
| Solubility:                                                    | -              |
| Partition coefficient n-octanol/water (log value)              | -              |
| Vapour pressure:                                               | -              |
| Density and/or relative density:                               | -              |
| Relative vapour density:                                       | -              |
| Particle characteristics:                                      | -              |

### 9.2. Other information

|                                   |       |
|-----------------------------------|-------|
| VOC (Volatile organic compounds): | 1,35% |
|-----------------------------------|-------|

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## SECTION 10: Stability and reactivity

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### 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.

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## 10.5. Incompatible materials

Avoid contact with strong bases.  
Avoid contact with strong oxidising agents.  
Avoid contact with strong reducing 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

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### 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-methyl-1-butanol | Oral       | Rat     | LD50          | 4,3 g/kg bw                           |
| 3-Methoxy-3-methyl-1-butanol | Inhalation | Rat     | LC50/ 4 Hours | > 5 mg/L air                          |
| 3-Methoxy-3-methyl-1-butanol | Dermal     | Rat     | LD50          | > 2000 mg/kg bw                       |
| Limonene                     | Oral       | Rat     | LD50          | >2000 mg/kg bw                        |
| Linalool                     | Dermal     | Rabbit  | LD50          | 5610 mg/kg bw                         |
| Octanal                      | Oral       | Rat     | LD50          | 4617 mg/kg bw                         |
| Octanal                      | Inhalation | Rat     | LC50/ 8 Hours | > 830 mg/m <sup>3</sup> air (nominal) |
| Octanal                      | Dermal     | Rabbit  | LD50          | 5207 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 limonen, linalool, hexyl cinnamal, octanal, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde. 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-methyl-1-butanol | 96 Hours      | Fish    | LC50 | > 100 mg/L  |
| 3-Methoxy-3-methyl-1-butanol | 48 Hours      | Daphnia | EC50 | > 1000 mg/L |
| 3-Methoxy-3-methyl-1-butanol | 72 Hours      | Algae   | EC50 | > 1000 mg/L |
| Limonene                     | 96 Hours      | Fish    | LC50 | 702 µg/L    |
| Limonene                     | 48 Hours      | Daphnia | EC50 | 0,307 mg/L  |
| Limonene                     | 72 Hours      | Algae   | EC50 | 0,214 mg/L  |
| Linalool                     | 96 Hours      | Fish    | LC50 | 27,8 mg/L   |
| Linalool                     | 48 Hours      | Daphnia | EC50 | 59 mg/L     |
| Linalool                     | 96 Hours      | Algae   | EC50 | 88,3 mg/L   |
| Octanal                      | 48 Hours      | Daphnia | EC50 | 4,9 mg/L    |

### 12.2. Persistence and degradability

| Substance                    | Biodegradability | Test                 | Result        |
|------------------------------|------------------|----------------------|---------------|
| 3-Methoxy-3-methyl-1-butanol | Yes              | OECD Guideline 301 F | 28 Days 93 %  |
| Limonene                     | Yes              | OECD Guideline 301 D | 28 Days 80%   |
| Linalool                     | Yes              | OECD Guideline 301 D | 28 Days 64,2% |
| Octanal                      | Yes              | OECD Guideline 301 F | 28 Days 75%   |

### 12.3. Bioaccumulative potential

| Substance                    | Potential bioaccumulation | LogPow |
|------------------------------|---------------------------|--------|
| 3-Methoxy-3-methyl-1-butanol | No                        | 0,18   |
| Limonene                     | Yes                       | 4,38   |
| Linalool                     | No                        | 2,9    |
| Octanal                      | Yes                       | 3,5    |

### 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:

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

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## SECTION 14: Transport information

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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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## SECTION 15: Regulatory information

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

#### Sources:

The Health and Safety Authority, 2021 Code of Practice.

#### Additional labelling:

-

#### Restrictions for application:

-

#### Demands for specific education:

-

### 15.2. Chemical safety assessment

None.

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## SECTION 16: Other information

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According to EU regulation 1907/2006 (REACH)

#### Other information:

##### Sources:

EC regulation 1907/2006 (REACH), with amendments.

EC Regulation 1272/2008 (CLP), with amendments.

Directive 2008/98/EC

ECHA - The European Chemicals Agency

#### Full text of H-phrases as mentioned in section 2+3:

|         |                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------|
| H226    | Flammable liquid and vapour.                                                                                                      |
| 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.                                                                                                    |
| H400    | Very toxic to aquatic life.                                                                                                       |
| H411    | Toxic to aquatic life with long lasting effects.                                                                                  |
| H412    | Harmful to aquatic life with long lasting effects.                                                                                |
| EUH 208 | Contains limonen, linalool, hexyl cinnamal, octanal, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction. |

#### Classification according to Regulation (EC) Nr. 1272/2008:

Eye Irrit. 2;H319

Calculation method

# Material Safety Data Sheet

## **Abbreviations and acronyms used in the safety data sheet:**

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.

CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS-Number.: Chemical Abstracts Service number.

EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).

DNEL: Derived No Effect Level.

PNEC(s): Predicted No Effect Concentration(s).

STOT: Specific Target Organ Toxicity.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50: Lethal Concentration to 50 % of a test population.

EC50: The effective concentration of substance that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: Very Persistent and Very Bioaccumulative.

NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.

NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

## **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:**

General update.

## **This material safety data sheet replaces version:**

1.0