



1 Section 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name:

RUCK room fragrance spray, 250 ml, Meadow – Lime & Verbena

UFI: N00V-PUF5-0E0W-KEEH

1.2 Use of the substance / mixture:

For room aromatisation.

1.3 Relevant identified use of the substance or mixture and uses advised against:

Not determined.

1.4 Details of the supplier of the safety data sheet

HELLMUT RUCK GmbH

Daimlerstr. 23

75305 Neuenbürg, Germany

Tel. +49 (0)7082 944 20

Fax +49 (0)7082 944 22 22

E-mail: kontakt@hellmut-ruck.de

1.5 Emergency telephone number

VIZ Universitätsklinikum Freiburg [University Hospital of Freiburg] Phone (24 hrs.) +49 (0)761 19240

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2 Section 2: Possible dangers

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



Danger

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



Attention

H317 May cause an allergic skin reaction. Skin Sens.1

H319 Causes severe eye irritation. Eye Irrit. 2

H412 Harmful to aquatic life with long-lasting effects. Aquatic Chronic 3

2.2 Labelling elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and designated according to CLP Regulation.

Hazard-determining component(s) for labelling

Limonen, Linalool, Geraniol, Citronellol, Citral

Hazard pictograms

GHS02, GHS07

Signal word

Danger

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Hazard warnings

- H225 Highly flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H319 Causes severe eye irritation.
- H412 Harmful to aquatic life with long-lasting effects.

Safety instructions

- P262 Do not get in eyes, on skin or on clothing.
- P302+P352 IN CASE OF CONTACT WITH SKIN: Wash with plenty of water/...
- P303+P361+P353 IN CASE OF CONTACT WITH SKIN [or hair]:
Remove all contaminated clothing immediately.
Wash skin with water [or take a shower].
- P305+P351+P338 IN CASE OF CONTACT WITH THE EYES:
Rinse carefully with water for several minutes. Remove contact lenses if possible. Continue rinsing.
- P102 Keep out of the reach of children.

2.3 Other hazards

No information is available on endocrine disrupting properties, PBT or vPvB assessment of the product.

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3 Section 3: Composition / information on ingredients

3.1 Substance

Mixture of alcohol, water, essential oils and natural perfume oil.

3.2 Mixtures

Information on hazardous ingredients contained in the mixture:

Ethanol, denatured with lavender oil: 75 - 100%

GHS02, Flam. Liq.2, H225

GHS07, Eye Irrit.2, H319

Natural perfume oil: 1 - 5%

GHS02, Flam. Liq.3, H226

GHS08, Asp. Tox.1, H304

GHS05, Eye Dam. 1, H318

GHS07, Skin Irrit.2, H315; Skin Sens 1, H317

GHS09, Aquatic Acute 1, H400; Aquatic Chronic 2, H411

Additional information: For the wording of the listed hazard warnings refer to section 16.

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4 Section 4: First aid measures

4.1 Description of the first aid measures

General notes:

Clothing contaminated with product must be removed immediately. Remove injured person from danger zone, immobilise and keep warm. If symptoms occur or in case of doubt, seek medical advice.

After inhalation:

In case of irregular breathing or respiratory arrest, seek medical attention immediately and administer first aid. In case of irritation of the respiratory tract, consult a doctor. Provide fresh air.

After skin contact:

Remove contaminated clothing, socks and shoes immediately. Wash off with soap and water, rinse. If skin irritation occurs, consult a doctor.

After eye contact:

Remove any contact lenses being worn if possible. Rinse opened eye for 10 to 15 minutes with running water. Consult an ophthalmologist immediately.

After swallowing:

Rinse mouth with water. Immediately call a POISON CENTRE or seek medical advice. Consult a doctor if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indications for immediate medical help or special treatment

In the event of an accident or if you feel unwell, consult a doctor immediately (if possible, show the operating instructions or the safety data sheet). In any case, the indication for the use of an antidote should be discussed with the above-mentioned poison information centre.

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5 Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO₂, dry chemical extinguishers or water jet. Fight larger fires with water spray or alcohol-resistant foam.

Extinguishing media unsuitable for safety reasons:

Water in full jet.

5.2 Special hazards arising from the substance or mixture

In case of combustion, strong smoke development. Do not inhale fire gases. Vapours can be invisible and heavier than air and spread along the ground. Vapours may form explosive mixtures with air.

5.3 Advice for firefighters

Collect contaminated extinguishing water separately. Do not allow to enter drains or water courses.

Special protective equipment for firefighting

In case of fire, wear self-contained breathing apparatus.

5.4 Additional information

Do not inhale explosion and fire gases. Take care when using carbon dioxide in enclosed areas. Carbon dioxide can displace oxygen. Use water spray to protect persons and to cool containers in the danger zone, close off the endangered area.

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6 Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Bring people to safety.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation. Avoid contact with eyes and skin.

Note for non-emergency personnel:

Avoid product contact and inhalation of solvent vapours.

Avoid skin contact by keeping a safe distance or wearing suitable protective clothing.

Advice for emergency responders:

Use protective equipment according to section 8.

6.2 Environmental protection measures

Do not allow to enter drains/surface waters/groundwater. In the event of spillage into bodies of water or sewage system, notify the competent authority.

6.3 Methods and material for retention and cleaning

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust). Dispose of contaminated material according to section 13. Ensure sufficient ventilation.

6.4 Reference to other sections

For information on safe handling, see section 7.

For information on personal protective equipment, see section 8.

7 Section 7: Handling and storage

7.1 Protective measures for safe handling

Avoid skin and eye contact and inhalation of vapours. Do not use empty containers until they have been cleaned. Before transferring from one container to another, ensure that there are no residues of incompatible substances in the containers. Contaminated clothing must be changed before entering dining areas. Wear personal protective equipment (see section 8). Do not eat, drink, smoke or sniff at the workplace. Do not store food and drinks together with chemicals. Do not use containers for chemicals that are usually intended for holding food. Keep away from food, drink and animal feed. Always close the container tightly after removing the product.

Notes on fire and explosion protection:

Keep ignition sources away – do not smoke. Take measures against electrostatic charge. Ensure adequate ventilation (if necessary by means of an exhaust system).

7.2 Conditions for safe storage, taking chemical incompatibilities into account

Requirements for storage rooms and containers:

Store in the original container. Keep container tightly closed. Store in a cool, dry, well-ventilated place. Protect from direct sunlight. Keep away from food, drink and animal feed. Only approved packaging (e.g. according to ADR) may be used. Keep under lock and key.

Information on storing together with other items (according to TRGS [Technical Rules for Hazardous Substances] 510)

Storage class: 3

7.3 Specific end uses

No information available.

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8 Section 8: Exposure controls/personal protection

8.1 Parameters to be monitored

Components with limit values that require monitoring at the workplace:

ETHANOL

CAS no 64-17-5 / EG no 200-578-6

General limit value: 200ml/m³ / 380mg/m³

Exceedance factor: 4 (II)

Comments: DFG, Y

Source: TRGS [Technical Rules for Hazardous Substances] 900

LIMONENE

CAS no 5989-27-5 / EG no 227-813-5

General limit value: 5ml/m³ / 28mg/m³

Peak limit: 4 (II)

Comments: DFG, H, Sh, Y

Source: TRGS [Technical Rules for Hazardous Substances] 900

8.2 Limitation and monitoring of exposure

Appropriate engineering controls:

General ventilation.

General protective and hygienic measures:

Keep away from food, drink and animal feed.

Do not eat, drink, smoke or sniff at the workplace. Avoid contact with skin, eyes and clothing. Remove soiled, soaked clothing. Wash hands before breaks and at the end of work.

Personal protective equipment:

Breathing protection

Put on respirator if ventilation is inadequate.

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Hand protection

Wear chemical protective gloves, according to EN ISO 374, when transferring from one container to another. The glove material must be impermeable and resistant to the product/substance/mixture. Selection of glove material considering penetration times, permeation rates and degradation. The exact penetration time must be obtained from the protective glove manufacturer and must be observed. Protective gloves should be replaced at the first signs of wear.

Eye protection

If possible, do not wear contact lenses.

Wear tightly fitting safety goggles according to EN 166.

9 Section 9: Physical and chemical properties**9.1 Information on the basic physical and chemical properties**

Appearance:	Clear
Physical state:	Liquid
Colour:	Colourless
Aroma:	Fresh, citrus, alcoholic

Safety-relevant data

Danger of explosion:

The product is not explosive, but the formation of explosive vapour/air mixtures is possible.

Lower explosion limit:	Not determined
Upper explosion limit:	Not determined
Vapour pressure (20°C):	Not determined
Density (20°C):	approx. 0.830 g/cm ³
Water solubility:	Fully miscible
pH value:	Not determined
Boiling point/range:	Not determined
Flash point:	16 °C
Ignition temperature:	Not determined
Melting point:	Not determined
Decomposition temperature:	Not determined

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Flammability:	Not determined
Kinematic viscosity:	Not determined
n-octanol-water partition coefficient:	Not determined
Relative vapour density:	Not determined
Particle properties:	Not applicable

9.2 Other information

Further physical-chemical data were not determined.

10 Section 10: Stability and reactivity

10.1 Reactivity

There are no known hazardous reactions.

10.2 Chemical stability

The product is chemically stable under the recommended storage, use and temperature conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions occur if handled and stored as intended.

10.4 Conditions to avoid

Keep away from heat and sources of ignition.

10.5 Incompatible materials

Acids and bases, strong oxidising agents

10.6 Hazardous decomposition products

None if used as intended.

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11 Section 11: Toxicological information

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

Acute toxicity

Is not to be classified as acutely toxic.

Corrosive/irritant effect on the skin

No irritant / corrosive effect.

Serious eye damage/eye irritation

Causes severe eye irritation.

Sensitisation of the respiratory tract or skin

May cause an allergic skin reaction.

Germ cell mutagenicity

Is not to be classified as germ cell mutagenic.

Carcinogenicity

Is not to be classified as a carcinogen.

Reproductive toxicity

Is not to be classified as toxic for reproduction.

Specific target organ toxicity with single exposure

Is not to be classified as specific target organ toxic (single exposure).

Specific target organ toxicity in case of repeated exposure

Is not to be classified as specific target organ toxic (repeated exposure).

Aspiration hazard

Is not to be classified as an aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties

There is no information available about the product.

Other information

There is no information available.

12 Section 12: Environmental information**12.1 Aquatic toxicity**

Harmful to aquatic organisms, with long-term effect.

12.2 Persistence and degradability

There is no information available.

12.3 Bioaccumulative potential

There is no information available.

12.4 Mobility in soil

There is no information available.

12.5 Results of the PBT and vPvB assessment

There is no information available.

12.6 Endocrine disrupting properties

There is no information available.

12.7 Other adverse effects

Do not allow to enter ground water, bodies of water or sewage system.

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13 Section 13: Disposal considerations**13.1 Waste treatment process**

Must not be disposed of together with household waste. Do not allow to enter drains.

Dispose of in accordance with official regulations.

Uncleaned packaging:

Dispose of in accordance with official regulations.

14 Section 14: Transport information**14.1 UN number (ADR, ICAO-TI, IMDG)**

UN 1170

14.2 UN proper shipping name

ADR/RID/ADN: ETHANOL, SOLUTION (ETHYL ALCOHOL, SOLUTION)

IMDG code: ETHANOL, SOLUTION (ETHYL ALCOHOL, SOLUTION)

IATA/ICAO-TI: Ethanol solution (ethyl alcohol, solution)

14.3 Transport hazard classes (ADR, ICAO-TI, IMDG)

Class: 3 (flammable liquids)

14.4 Packing group (ADR, ICAO-TI, IMDG)

II

14.5 Environmental hazards

No information available.

14.6 Special precautions for the user

The regulations for dangerous goods (ADR) must also be observed within the company premises.

14.7 Carriage in bulk by sea in accordance with IMO instruments

The cargo is not carried in bulk.

Land transport ADR/RID and GGVSEB [Ordinance on the Transport of Dangerous Goods by Road, Rail and Inland Waterways] (cross-border/domestic):

ADR/RID-GGVSEB Class: 3 (F1) Flammable liquids
Hazard identification number: 33
Hazard label: 3
Special regulations: 144, 601
Limited quantity: 1 I
Exempted quantity: E2
Transport category: 2
Tunnel restriction code: (D/E)

Sea transport IMDG/GGVSee [Ordinance on the Transport of Dangerous Goods by Sea]:

IMDG/GGVSee class: 3
Label: 3
Special provisions: 144

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 3
Label: 3
Special regulations: A3, A58, A180

15 Section 15: Legislation

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

The national legal regulations must also be observed.

Water hazard class (classification according to AwSV [Ordinance on Installations for Handling Substances Hazardous to Water]):

WGK [Water Hazard Class] 2 – clearly hazardous to water

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

16 Section 16: Other information

The information is based on the current state of our knowledge, but does not constitute a guarantee of product characteristics and does not establish a contractual legal relationship. This safety data sheet has been compiled and is intended solely for this product.

Phrases relevant to classification

H225 Highly flammable liquid and vapour.

H226 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes severe eye irritation.

H400 Very toxic to aquatic organisms.

H411 Toxic to aquatic life with long-lasting effects.

Data sheet issuing area: Laboratory

Data changed compared to previous version: Sections 1, 4, 5, 10

It is the responsibility of the product recipient to observe the existing laws and regulations.