

In accordance with REACH Regulation EC No.1907/2006

Product: Wild Lemongrass (R) Reed Diffuser

Version:

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Wild Lemongrass (R) Reed Diffuser (Contains:4-tert-Butylcyclohexyl acetate, Citral, Limonene, Nerol)

Other identifiers: None

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

Product uses: Reed Diffuser

1.3 Details of the supplier of the safety data sheet

Company name: NI Candle Supplies Ltd

Company address:	Unit 7A Milltown Industrial Estate Greenan Road Warrenpoint BT34 3FN
Contact:	Sarah Lowther
E-Mail address:	support@nicandlesupplies.co.uk
Company phone:	+44 28 4177 4362

1.4 Emergency telephone number

Emergency phone: +44 7310 159147

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of	Eye Damage / Irritation Category 2
danger:	Sensitization - Skin Category 1
	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
	H317, May cause an allergic skin reaction.
	H319, Causes serious eye irritation.
	H412, Harmful to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word:	Warning
Hazard statements:	H317, May cause an allergic skin reaction. H319, Causes serious eye irritation. H412, Harmful to aquatic life with long lasting effects.



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Supplementa Information:	I EUH208, Contains Citronellol, Ethyl Linalool, Eucalyptol, Geraniol, Geranyl acetate, Hexyl Cinnamal, Isoeugenol, Isohexenyl cyclohexenyl carboxaldehyde, Linalool, Neryl acetate. May produce an allergic reaction.
Precautionary statements:	 P261, Avoid breathing vapour or dust. P264, Wash hands and other contacted skin thoroughly after handling. P272, Contaminated work clothing should not be allowed out of the workplace. P273, Avoid release to the environment. P280, Wear protective gloves/eye protection/face protection. P302/352, IF ON SKIN: Wash with plenty of soap and water. P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333/313, If skin irritation or rash occurs: Get medical advice/attention. P363, Wash contaminated clothing before reuse. P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.
Pictograms: 2.3 Other haz	ards
Other hazard	S: Sensitisers declared on a CLP Hazard Label: Citronellol, Ethyl Linalool, Eucalyptol, Geraniol, Geranyl acetate, Hexyl Cinnamal, Isoeugenol, Isohexenyl cyclohexenyl carboxaldehyde, Linalool, Neryl acetate
	Hydrocarbon Concentration %: 2.2695%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Nerol	106-25-2	203-378-7		1-<5%	Skin Sene 18.H315	oral: ATE = 4500 mg/kg bw
Limonene	5989-27-5	227-813-5		1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-	M = 1



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Citral	5392-40-5	226-394-6	1-<5%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1;H315- H317-H319,-	dermal: ATE = 2250 mg/kg bw
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9	1-<5%	Skin Sens. 1B;H317,-	oral: ATE = 3370 mg/kg bw
Hexyl Cinnamal	101-86-0	202-983-3	1-<5%	Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 2;H317-H400- H411,-	M = 1-oral: ATE = 3100 mg/kg bw
Linalool	78-70-6	201-134-4	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B;H315- H317-H319,-	oral: ATE = 2790 mg/kg bw
Ethyl Linalool	10339-55-6	233-732-6	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B;H315- H317-H319,-	oral: ATE = 5000 mg/kg bw
Geraniol	106-24-1	203-377-1	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315- H317-H318,-	oral: ATE = 3600 mg/kg bw
Benzyl benzoate	120-51-4	204-402-9	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 2;H302-H400- H411,-	dermal: ATE = 4000 mg/kg bw-oral: ATE = 1500 mg/kg bw
Citronellol	106-22-9	203-375-0	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B;H315- H317-H319,-	dermal: ATE = 2650 mg/kg bw-oral: ATE = 3450 mg/kg bw
Eucalyptol	470-82-6	207-431-5	0.1-<1%	Flam. Liq. 3-Skin Sens. 1B;H226-H317,-	oral: ATE = 2480 mg/kg bw
Geranyl acetate	105-87-3	203-341-5	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Chronic 3; H315-H317-H412,-	
Hexamethylindanopryan	1222-05-5	214-946-9	0.1-<1%	Aquatic Acute 1- Aquatic Chronic 1; H400-H410,-	
Neryl acetate	141-12-8	205-459-2	0.1-<1%	Skin Sens. 1B;H317,-	
lsohexenyl cyclohexenyl carboxaldehyde	37677-14-8	253-617-4	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1B- Aquatic Acute 1- Aquatic Chronic 1; H315-H317-H318- H410,-	M = 1
Allyl heptanoate	142-19-8	205-527-1	0.1-<1%	Acute Tox. 3-Acute Tox. 3-Aquatic Acute 1- Aquatic Chronic 3; H301-H311-H400- H412,-	M = 1-inhalation: ATE = 3 mg/l (vapour)-dermal: ATE = 810 mg/kg bw- oral: ATE = 218 mg/kg bw
Isoeugenol	97-54-1	202-590-7	<0.1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4- Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1A-STOT SE 3;H302-H312- H315-H317-H319- H332-H335,-	inhalation: ATE = 1.5 mg/l (dusts or mists)- dermal: ATE = 1912 mg/kg bw-oral: ATE = 1500 mg/kg bw

Substances with Community workplace exposure limits:

Name	CAS	EC	NO.		Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Diethyl phthalate	84-66-2	201-550-6		10-<20%	-;-,-	



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Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin exposure:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.



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6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

1

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Reed Diffuser: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Diethyl phthalate	84-66-2 201	201-550-6	UK WEL Long-term exposure limit (8-hour TWA) (mg/m3)	5 mg/m³
			UK WEL Short-term exposure limit (15- minute) (ppm)	10 ppm
			Long-term exposure limit (8-hour TWA) (mg/m3)	5 mg/m³
			Short-term exposure limit (15-minute) (mg/m3)	10 mg/m³

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the



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following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour:	Not determined	
Odour:	Not determined	
Odour threshold:	Not determined	
Melting point / freezing point:	Not determined	
Boiling point or initial boiling point a range:	and boiling Not determined	
Flammability:	Not determined	
Lower and upper explosion limit:	Not determined	
Flash point:	Not determined	
Auto-ignition temperature:	Not determined	
Decomposition temperature:	Not relevant	
pH:	Not determined	
Kinematic viscosity:	Not determined	
Solubility:	Not determined	
Partition coefficient: n-octanol/water value):	r (log Not determined	
Vapour pressure:	Not determined	
Density and/or relative density:	Not determined	
Relative vapour density:	Not determined	
Particle characteristics:	Not determined	
9.2 Other information:	None available	

None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.



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10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

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Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

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

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
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.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Allyl heptanoate	142-19-8	205-527-1	218	810	Not available	Vapour mg/l

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:



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Harmful to aquatic life with long lasting effects.

- 12.2 Persistence and degradability: Not available
- 12.3 Bioaccumulative potential: Not available
- 12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

- 12.6 Endocrine disrupting properties: Not Applicable
- 12.7 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ΙCAO ΤΙ	Not classified	-	-	-	-

14.5 Environmental hazards:

Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits:

EDI 2=71.41% SS 1=23.53% EH C3=27.40%



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Total Fractional Values:

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EDI 2=1.40 SS 1=4.25 EH C3=3.65

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning	
Acute Tox. 3	Acute Toxicity - Oral Category 3	
Acute Tox. 3	Acute Toxicity - Dermal Category 3	
Acute Tox. 4	Acute Toxicity - Oral Category 4	
Acute Tox. 4	Acute Toxicity - Dermal Category 4	
Acute Tox. 4	Acute Toxicity - Inhalation Category 4	
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1	
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1	
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2	
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3	
Asp. Tox 1	Aspiration Hazard Category 1	
Eye Dam. 1	Eye Damage / Irritation Category 1	
Eye Irrit. 2	Eye Damage / Irritation Category 2	
Flam. Liq. 3	Flammable Liquid, Hazard Category 3	
H226	Flammable liquid and vapour.	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H311	Toxic in contact with skin.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory 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.	
P210	Keep away from heat, sparks, open flames and hot surfaces No smoking.	
P233	Keep container tightly closed.	
P240	Ground/bond container and receiving equipment.	
P241	Use explosion-proof electrical, ventilating and lighting equipment.	
P242	Use only non-sparking tools.	
P243	Take precautionary measures against static discharge.	

NI Candle Supplies Ltd, Unit 7A Milltown Industrial Estate, Greenan Road, Warrenpoint, BT34 3FN



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P261 Avoid breathing vapour or dust. P264 Wash hands and other contacted skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. P301/312 P302/352 IF ON SKIN: Wash with plenty of soap and water. P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to P305/351/338 do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P312 Call a POISON CENTRE or doctor/physician if you feel unwell. P330 Rinse mouth. P331 Do not induce vomiting. P333/313 If skin irritation or rash occurs: Get medical advice/attention P337/313 If eye irritation persists: Get medical advice/attention. P361 Remove/Take off immediately all contaminated clothing P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse. P370/378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction. P391 Collect spillage P403/233 Store in a well-ventilated place. Keep container tightly closed P403/235 Store in a well-ventilated place. Keep cool. P405 Store locked up P501 Dispose of contents/container to approved disposal site, in accordance with local regulations STOT SE 3 Specific Target Organ Toxicity (Single Exposure) Category 3 Skin Irrit. 2 Skin Corrosion / Irritation Category 2 Skin Sens. 1 Sensitization - Skin Category 1 Skin Sens. 1A Sensitization - Skin Category 1A Skin Sens. 1B Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.