



SAFETY DATA SHEET
CHATSWORTH CITRONELLA REED DIFFUSER

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Compilation date: 14/08/2018
Revision No: 1

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

1.1. Product identifier

Product name: CHATSWORTH CITRONELLA REED DIFFUSER
Product code: CH0244

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

Use of substance / mixture: SU 21 - Consumer Uses.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Limited
The Old School House
39 Bengal Street
Manchester
M4 6AF
UK
Tel: 0161 839 5949
Fax: 0161 839 5493
Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 839 5949 (08:00 - 17:30)
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Skin Sens. 1: H317

Most important adverse effects: May cause an allergic skin reaction. Causes serious eye irritation.

2.2. Label elements

Label elements:

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

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.

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P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

EINECS	CAS	PBT / WEL	CLP Classification	Percent
252-104-2	34590-94-8	Substance with a Community workplace exposure limit.	-	50-75%

DIETHYL PHTHALATE

201-550-6	84-66-2	Substance with a Community workplace exposure limit.	-	5-10%
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ETHANOL

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	3-5%
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CITRAL

226-394-6	5392-40-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	1-3%
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GERANIOL

203-377-1	106-24-1	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317	<1%
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CITRONELLAL

203-376-6	106-23-0	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317	<1%
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NEROL

203-378-7	106-25-2	-	Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1B: H317	<1%
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Contains: Contains the following allergens >0.01%:

Citral

Citronellol

Geraniol

Section 4: First aid measures

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4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

[cont...]

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7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. KEEP OUT OF THE REACH OF CHILDREN.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	19mg/l	-	-
PNEC	Marine water	1.9mg/l	-	-
PNEC	Fresh water sediments	70.2 mg/kg	-	-
PNEC	Marine sediments	7.02 mg/kg	-	-
PNEC	Soil	2.74mg/kg	-	-
DNEL	Inhalation	308 mg/m ³	Workers	Systemic
DNEL	Dermal	283 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	37.2 mg/m ³	General Population	Systemic
DNEL	Dermal	121 mg/kg bw/day	General Population	Systemic

DIETHYL PHTHALATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	10.56mg/m ³	Workers	Systemic
DNEL	Dermal	15mg/kg/day	Workers	Systemic
DNEL	Inhalation	2.6mg/m ³	General Population	Systemic
DNEL	Dermal	7.5mg/kg/day	General Population	Systemic
DNEL	Oral	0.75mg/kg/day	General Population	Systemic
PNEC	Fresh water	12ug/L	-	-
PNEC	Marine water	1.2ug/L	-	-
PNEC	Fresh water sediments	0.137mg/kg	-	-
PNEC	Marine sediments	0.0137mg/kg	-	-

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PNEC	Soil	0.137mg/kg	-	-
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CITRAL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	9mg/m ³	Workers	Systemic
DNEL	Dermal	1.7mg/kg	Workers	Systemic
DNEL	Inhalation	2.7mg/m ³	General Population	Systemic
DNEL	Dermal	1mg/kg	General Population	Systemic
DNEL	Dermal	140µg/cm ²	General Population	Local
DNEL	Oral	0.6mg/kg	General Population	Systemic
PNEC	Fresh water	0.007mg/L	-	-
PNEC	Fresh water sediments	0.125mg/kg	-	-
PNEC	Marine water	0.001 mg/L	-	-
PNEC	Marine sediments	0.013mg/kg	-	-
PNEC	Soil	0.021mg/kg	-	-
PNEC	STP	1.6mg/L	-	-

GERANIOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	161.6mg/m ³	Workers	Systemic
DNEL	Dermal	12.5mg/kg	Workers	Systemic
DNEL	Dermal	11800µg/cm ²	Workers	Local
DNEL	Inhalation	47.8mg/m ³	General Population	Systemic
DNEL	Dermal	7.5mg/kg	General Population	Systemic
DNEL	Dermal	11800µg/cm ²	General Population	Local
DNEL	Oral	13.75mg/kg	General Population	Systemic
PNEC	Fresh water	0.011mg/L	-	-
PNEC	Fresh water sediments	0.115mg/kg	-	-
PNEC	Marine water	0.001 mg/L	-	-
PNEC	Marine sediments	0.011mg/kg	-	-
PNEC	Soil	0.017mg/kg	-	-

CITRONELLAL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	9mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	1.7mg/kg bw	Workers	Systemic
DNEL	Dermal (repeated dose)	140µg/cm ²	Workers	Local
DNEL	Inhalation (repeated dose)	2.7mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	1mg/kg bw	General Population	Systemic
DNEL	Dermal (repeated dose)	140µg/cm ²	General Population	Local

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DNEL	Oral (repeated dose)	0.6mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.009mg/L	-	-
PNEC	Fresh water intermittent release	0.087mg/L	-	-
PNEC	Fresh water sediments	0.159 mg/kg sediment	-	-
PNEC	Marine water	0.001mg/L	-	-
PNEC	Marine sediments	0.016mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	4mg/L	-	-
PNEC	Soil	0.027mg/kg soil	-	-

NEROL

Type	Exposure	Value	Population	Effect
DNEL	Oral	5.4 mg/m ³	Workers	Systemic
DNEL	Dermal	0.76 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	133 µg/cm ²	Workers	Local
DNEL	Oral	0.38 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	7.45 µg/L	-	-
PNEC	Marine water	0.745 µg/L	-	-
PNEC	Fresh water sediments	133 µg/kg sediment d	-	-
PNEC	Marine sediments	13.3 µg/kg sediment	-	-
PNEC	Soil	22.3 µg/kg soil dw	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal conditions of use.

Hand protection: No special requirements under normal conditions of use.

Eye protection: No special requirements under normal conditions of use.

Skin protection: No special requirements under normal conditions of use.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Odour: Pleasant

Solubility in water: Soluble

Viscosity: Non-viscous

Flash point°C: 60 - 93

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9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

DERMAL	RBT	LD50	>20000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	7H LC0	>275	ppm

DIETHYL PHTHALATE

DERMAL	RAT	LD50	>10	mL/kg
ORAL	RAT	LD50	8600	mg/kg
VAPOURS	RAT	6H LC50	>511	ppm

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg

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ORL	RAT	LD50	7060	mg/kg
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CITRAL

IPR	RAT	LD50	460	mg/kg
ORL	MUS	LD50	6	g/kg
ORL	RAT	LD50	4960	mg/kg

GERANIOL

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	3600	mg/kg

CITRONELLAL

DERMAL	RBT	LD50	>2500<5000	mg/kg
IP	MUS	LD50	>200 <700	mg/kg
ORAL	RAT	LD50	>2500	mg/kg

NEROL

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	4500	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

BROWN SHRIMP (Crangon crangon)	96H LC50	>10000	mg/l
Daphnia magna	48H EC50	1919	mg/l

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FATHEAD MINNOW (<i>Pimephales promelas</i>).	96H LC50	>10000	mg/l
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DIETHYL PHTHALATE

ALGAE (<i>Desmodesmus subspicatus</i>)	72H ErC50 (Biomass)	23	mg/l
ALGAE (<i>Desmodesmus subspicatus</i>)	72H ErC50 (Growth rate)	45	mg/l
DAPHNIA (<i>Daphnia magna</i>)	48H EC50	90	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	12	mg/l

CITRAL

Daphnia magna	48H EC50	6.8	mg/l
FRESHWATER FISH	96H LC50	6.78	mg/l
Scenedesmus Subspicatus	72H ErC50	103.8	mg/l

GERANIOL

Daphnia magna	48H EC50	10.8	mg/l
Desmodesmus subspicatus	72H ErC50	13.1	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC0	10	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC100	46.4	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC50	22	mg/l

NEROL

Daphnia magna	48H EC50	32.4	mg/l
ZEBRAFISH (<i>Brachydanio rerio</i>)	96H LC50	20	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Miscible with water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with Local Authority Regulations.

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Disposal of packaging: Disposal should be in accordance with Local Authority Regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.