



SAFETY DATA SHEET
CHATSWORTH CITRONELLA GEL FRESHENERS

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Compilation date: 07/01/2020

Revision No: 1

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

1.1. Product identifier

Product name: CHATSWORTH CITRONELLA GEL FRESHENERS

Product code: CH0245

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

Use of substance / mixture: PC3: Air care products. SU 21 - Consumer Uses.

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Ltd
The Old School House
39 Bengal Street
Manchester
M4 6AF
United Kingdom

Tel: +44 (0)161 839 5949

Fax: +44 (0)161 839 5493

Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 839 5949
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Skin Sens. 1A: H317

Most important adverse effects: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

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P103: Read label before use.

P273: Avoid release to the environment.

P264: Wash hands thoroughly after handling.

P501: Dispose of contents and container to in accordance with local, regional, national and/or international regulation.

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.	-	1-3%

DIETHYL PHTHALATE

201-550-6	84-66-2	Substance with a Community workplace exposure limit.	-	1-3%
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2-METHYL-4-ISOTHIAZOLIN-3-ONE

220-239-6	2682-20-4	-	Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1A: H317; Acute Tox. 2: H330; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 3: H311; -: EUH071	<1%
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CITRAL

226-394-6	5392-40-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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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; Aquatic Chronic 3: H412	<1%
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Contains: Contains allergens >0.01%.

Citral

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. If irritation persists seek medical advice.

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

Ingestion: Wash out mouth with water. If you feel unwell seek medical attention

Inhalation: If irritation or other symptoms develop and persist, seek medical attention.

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: There may be irritation of the nose and upper respiratory tract. If irritation persists discontinue use of this product.

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.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

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

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. 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): PC3: Air care products.

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	-	-

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PNEC	Marine water	1.2ug/L	-	-
PNEC	Fresh water sediments	0.137mg/kg	-	-
PNEC	Marine sediments	0.0137mg/kg	-	-
PNEC	Soil	0.137mg/kg	-	-

2-METHYL-4-ISOTHIAZOLIN-3-ONE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term)	0.021mg/m ³	Workers	Local
DNEL	Inhalation (Short term)	0.043mg/m ³	Workers	Local
DNEL	Inhalation (Long term)	0.021mg/m ³	General Population	Local
DNEL	Inhalation (Short term)	0.043mg/m ³	General Population	Local
DNEL	Oral (Long term)	0.027mg/kg bw	General Population	Systemic
DNEL	Oral (Short term)	0.053mg/kg bw	General Population	Systemic

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	-	-

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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
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	-	-

8.2. Exposure controls

Engineering measures: For outdoor use only.

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: Solid

Colour: Yellow

Odour: Citrus

Relative density: 0.8 - 0.9

pH: 5.5

9.2. Other information

Other information: No data available.

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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. Moist air.

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

2-METHYL-4-ISOTHIAZOLIN-3-ONE

DERMAL	RAT	LD50	242	mg/kg
ORAL	RAT	LD50	176	mg/kg

CITRAL

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

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ORL	RAT	LD50	4960	mg/kg
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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

Relevant hazards for product:

Hazard	Route	Basis
Respiratory/skin sensitisation	-	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: There may be irritation of the nose and upper respiratory tract. If irritation persists discontinue use of this product.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIPROPYLENE GLYCOL MONOMETHYL ETHER

BROWN SHRIMP (<i>Crangon crangon</i>)	96H LC50	>10000	mg/l
Daphnia magna	48H EC50	1919	mg/l
FATHEAD MINNOW (<i>Pimephales promelas</i>).	96H LC50	>10000	mg/l

DIETHYL PHTHALATE

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

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2-METHYL-4-ISOTHIAZOLIN-3-ONE

Daphnia magna	48H EC50	0.93	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H NOEC	0.05	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	4.7	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 (Brachydanio rerio)	96H LC0	10	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC100	46.4	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	22	mg/l

CITRONELLAL

ALGAE	72H ErC50	13.33	mg/l
Daphnia magna	48H EC50	8.68	mg/l
FISH	96H LC50	22	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: No data available.

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

Other adverse effects: Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be in accordance with local authority regulations.

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.

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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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Phrases used in s.2 and s.3: EUH071: Corrosive to the respiratory tract.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H330: Fatal if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.