

SAFETY DATA SHEET

Polarfresh Springtime

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Compilation date: 01/08/2008

Revision date: 30/11/2017

Revision No: 5.1

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

1.1. Product identifier

Product name: Polarfresh Springtime

Product code: 203

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

Use of substance / mixture: * PC8: Biocidal products (e.g. Disinfectants, pest control). PC28: Perfumes, fragrances.

1.3. Details of the supplier of the safety data sheet

Company name: CT EAST LIMITED
UNIT 1B PRIORS WAY
COGGESHALL
ESSEX
CO6 1TW
United Kingdom

Tel: 01376 564 096

Fax: 01376 563 131

Email: craig@cteast.co.uk

1.4. Emergency telephone number

Emergency tel: NHS 111

NHS Direct Wales 08454647

ROI 01 809 2166

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: * H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

[cont...]

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Hazard pictograms: GHS05: Corrosion



Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves.
P282: Wear eye protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical attention.
P332+313: If skin irritation occurs: Get medical attention.
P362: Take off contaminated clothing.

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:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES

EINECS	CAS	PBT / WEL	CLP Classification	Percent
270-325-2	68424-85-1	-	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Acute Tox. 4: H302; Aquatic Chronic 1: H410	1-10%

DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
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C9-11 ALCOHOL ETHOXYLATE

-	68439-46-3	-	Eye Dam. 1: H318; Acute Tox. 4: H302	<1%
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Contains: Quaternary ammonium compounds, benzyl (C12-C16) alkyl dimethyl, chlorides (1.125 %w/w) Didecyldimethylammonium chloride (1.125 %w/w)

Section 4: First aid measures

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. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

[cont...]

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Inhalation: Consult a doctor.

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

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

Eye contact: There may be irritation and redness.

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: Water.

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: Transfer to a suitable container.

6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed.

Suitable packaging: Polyethylene.

7.3. Specific end use(s)

Specific end use(s): No data available.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Breakthrough time of the glove material < 1 hour. PVC gloves. Butyl gloves. Nitrile gloves. Viton gloves. Rubber gloves. Neoprene gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pink

Odour: Sweet-smelling

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: Not applicable.

Autoflammability°C: Not applicable.

Vapour pressure: Not applicable.

Relative density: 0.995 - 1.005

pH: 7

VOC g/l: 4

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.

[cont...]

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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

10.5. Incompatible materials

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:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES

ORAL	RAT	LD50	795	mg/kg
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DIDECYLDIMETHYLAMMONIUM CHLORIDE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	658	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES

Daphnia magna	48H EC50	.016	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	.026	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	.85	mg/l

[cont...]

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DIDECYLDIMETHYLAMMONIUM CHLORIDE

Daphnia magna	48H EC50	0.06	mg/l
GREEN ALGA (Selenastrum capricornutum)	96H LC50	0.12	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.97	mg/l

C9-11 ALCOHOL ETHOXYLATE

FISH	96H LC50	1-10	mg/l
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12.2. Persistence and degradability

Persistence and degradability: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of as normal industrial waste.

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

Specific regulations:

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

[cont...]

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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: H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

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.