

SAFETY DATA SHEET

Polarfresh Lemon Deodorising Fluid

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Compilation date: 01/08/2008

Revision date: 13/01/2015

Revision No: 6

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

1.1. Product identifier

Product name: Polarfresh Lemon Deodorising Fluid

Product code: 202

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).

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

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Eye Dam. 1: H318; -: EUH208

Most important adverse effects: Contains amyl cinnamic aldehyde. May produce an allergic reaction. Causes skin irritation.
Causes serious eye damage.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains amyl cinnamic aldehyde. May produce an allergic reaction.

H315: Causes skin irritation.

H318: Causes serious eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion



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

[cont...]

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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.

P332+313: If skin irritation occurs: Get medical advice.

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; Aquatic Chronic 1: H410; Acute Tox. 4: H302 | 1-10% |

DIDECYLDIMETHYLAMMONIUM CHLORIDE

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

ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

| | | | | |
|---|------------|---|--------------------------------------|-----|
| - | 69011-36-5 | - | Acute Tox. 4: H302; Eye Dam. 1: H318 | <1% |
|---|------------|---|--------------------------------------|-----|

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.

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.

[cont...]

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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. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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 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

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.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

[cont...]

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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.
Hand protection: Protective gloves. Gloves (solvent-resistant).
Eye protection: Safety glasses. Ensure eye bath is to hand.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| State: Liquid | |
| Colour: Yellow | |
| 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.

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 of carbon dioxide / carbon monoxide.

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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 |
|------|-----|------|-----|-------|

DIDECYLDIMETHYLAMMONIUM CHLORIDE

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

ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

| | | | | |
|------|-----|------|----------|-------|
| ORAL | RAT | LD50 | 500-2000 | mg/kg |
|------|-----|------|----------|-------|

Relevant hazards for substance:

| 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 |

DIDECYLDIMETHYLAMMONIUM CHLORIDE

| | | | |
|--|----------|------|------|
| Daphnia magna | 48H EC50 | 0.06 | mg/l |
| GREEN ALGA (Selenastrum capricornutum) | 96H LC50 | 0.12 | mg/l |

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| | | | |
|-------------------------------|----------|------|------|
| ZEBRAFISH (Brachydanio rerio) | 96H LC50 | 0.97 | mg/l |
|-------------------------------|----------|------|------|

ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

| | | | |
|------|----------|------|------|
| FISH | 96H LC50 | 1-10 | mg/l |
|------|----------|------|------|

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in 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

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

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: This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

[cont...]

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Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

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.

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.