



SAFETY DATA SHEET LEMON FRESH DEODORISER

Date: January 2020
Revision: 4

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Lemon Fresh

Product code: B235

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

Water based deodouriser for industrial and institutional use.

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Cleaning Warehouse Ltd
Unit A10, The Square,
Grants Rd, Greenogue Business Park
Rathcoole, Dublin 24
D24H512

1.4 Emergency telephone number

Tel: 01-8092166 National Poison Centre Beaumont

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP Regs.: Eye irritant 2 H319

2.2 Label elements

Label elements under CLP:

Contains Citral; Limonene: May produce an allergic reaction

Hazard pictograms: GHS07



Signal Word: Warning

Hazard Statements: H319: Causes serious eye irritation

Precautionary statements : **PREVENTION:** Wear protective gloves, clothing and eye protection. Wash hands thoroughly after handling

RESPONSE: IF ON SKIN: Wash immediately with soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists get medical advice/attention.

2.3 Other hazards

PBT: this material does not contain any substance identified as a PBT or vPvB substance

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3. Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients:

| CAS | EINECS | Classification CLP | Concentration %w/w |
|--|-----------|---|--------------------|
| Ethoxylated alcohol C9/11 9EO | | | |
| 68439-45-2 | | Acute tox. 4 H302; Eye dam. 1 H318 | 1-3 |
| Citral (REACH Reg. No. 01-2119462829-23) | | | |
| 5392-40-5 | 226-394-6 | Skin irrit. 2 H315; Skin sens. 1B H317; Eye irrit. 2 H319 | 0-1 |
| Limonene | | | |
| 5989-27-5 | 227-813-5 | Flam.Liq.H226; Skin irrit 2 H315; Skin sens. 1 H317; Aqua. Ac. 1, Aqua chr. 1 H410 | 0-1 |

See section 16 for full text of H statements

4. First aid measures

4.1 Description of first aid measures

Eye contact: Flush with clean water for at least 15 minutes. Seek medical advice.

Skin contact: Remove at once all contaminated clothing. Wash area with soap and water. Seek medical advice if irritation persists.

Ingestion: DO NOT induce vomiting. Give plenty of water to drink and seek immediate medical attention.

Inhalation: Remove from exposure. Get medical attention if any symptoms persist.

4.2 Most important symptoms and effects both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Product is not classified as flammable. Choice of extinguisher should be based on surrounding materials and conditions.

Unsuitable agents:

5.2 Special hazards arising from the substance or mixture

Carbon dioxide and carbon monoxide may be produced.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2 Environmental precautions

Do not allow concentrate to enter drains or watercourses.

6.3 Methods and material for containment and cleaning up

Small spillages may be rinsed away with plenty of water. Larger spillages should be contained and absorbed in inert material.

Transfer to plastic container for disposal in accordance with local regulations.

6.4 Reference to other sections

See section 8 for protective clothing

See section 7 for safe handling

See section 13 for disposal.

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7. Handling and storage

7.1 Precautions for safe handling

Keep containers tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed, at temperatures between 5° and 30°C.

7.3 Specific end use

See section 1.2.

8. Exposure controls/personal protection

8.1 Control parameters

Substances assigned Workplace Exposure Limits

| Name | type | Long term (8hrTWA) | Short term (15mins) |
|------|------|--------------------|---------------------|
| None | | | |

8.2 Exposure controls

Butyl rubber gloves recommended if skin contact be avoided. Wear eye protection to prevent liquid splashes where necessary. Avoid inhalation of spray mist.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear liquid,

Odour: fresh citrus

Density at 20°C: 1.0kg/ltr

Solubility: Completely soluble in water.

pH: 5.5 – 6.5

Flash point: >100°C

Boiling point/range:> 100°C

Vapour pressure: not tested

Oxidising:No

9.2 Other information

10. Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Avoid extremes of temperature.

10.5 Incompatible materials

Reducing agents.

10.6 Hazardous decomposition products

Oxides of carbon produced on combustion or thermal decomposition.

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11. Toxicological information

11.1 Information on toxicological effects.

Eyes: Irritation, redness and watering.

Skin: Mild irritation on prolonged contact.

Ingestion: Possible irritation to mouth and throat.

Inhalation (mist): Irritation to membranes of nose and throat.

Acute toxicity of ingredients LD50: Ethoxylated alcohol 200-2000mg/kg (oral, rat)

12. Ecological information

12.1 Toxicity

Ecotoxicity of ingredients: Ethoxylated alcohol LC50 1-100mg/l (Fish, 96 hrs), EC50 1-100mg/l (Daphnia, 48 hrs).

12.2 Persistence and degradability

All components are ultimately biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

Completely soluble in water

12.5 Results of PBT and vPvB assessment

Does not contain any ingredients identified as PBT or vPvB substances.

12.6 Other adverse effects

13. Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems. Cleaned packaging may be suitable for recycling.

14. Transport information

14.1 UN Number

Not classified as hazardous for transport.

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

15. Regulatory information

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

Detergents Regulations 2004/648/EC

Contains: less than 5% non-ionic surfactants, perfumes (Citral, Limonene)

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

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16. Other information

This safety data sheet has been prepared according to EU Commission Regulation 453/2010

The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application.

The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture. The full text of the H statements referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture.

H226: Flammable liquid and vapour

H302: Harmful if swallowed.

H315: Cause skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

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

Abbreviations and acronyms

| | |
|--------|--|
| ADR | European Agreement concerning the International Carriage of Goods by Road |
| CAS | Chemical Abstracts Service |
| CHIP | Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45/EC and 67/548/EC |
| CLP | Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008 |
| CMR | Carcinogenic-mutagenic-toxic for reproduction |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods Code |
| LC50 | Lethal Concentration, 50% |
| LD50 | Lethal Dose, 50% |
| OEL | Occupational Exposure Limit |
| PBT | Persistent, Bioaccumulative, Toxic |
| vPvB | very Persistent, very Bioaccumulative |
| RID | Convention concerning International Carriage by Rail |
| WEL | Workplace Exposure Limit |
| VOC | Volatile Organic Compound |