SAFETY DATA SHEET
LEMON FRESH DEODORISER

Date: January 2020
Revision: 4

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: SOLUTION WORLD OF CLEAN LTD
Unit 1 Indian Queens Trading Estate
Indian Queens, Cornwall, TR9 6TL
TEL: +44(0)1209 204343
EMAIL: sales@solution-uk.com

1.4 Emergency telephone number

Tel: +44 (0)1209 204343

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

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.

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.

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.

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**