



SAFETY DATA SHEET LINEN FRESH

Date: January 2020

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

1.1 Product identifier

Product name: Linen Fresh

Product code: S116A

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

Odour neutraliser for industrial/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 CHIP Regs.: Not classified as hazardous under CHIP.

Classification under CLP Regs.: Not classified under CLP

2.2 Label elements

Label elements under CHIP:

Hazard symbols: None

Risk Phrases: None stipulated.

Safety phrases: None

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 CHIP	Classification CLP	Concentration %w/w
<u>Propan-2-ol</u>				
67-63-0		F;R11, Xi R36 R67		1-5
<u>Cocamidopropyl betaine</u>				
61789-40-0		R36		1-5
<u>Benzalkonium chloride</u>				
68424-85-1		C;R34, Xn;R21/22, N;R50		0-1

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: Wash area with soap and water. Seek medical advice if irritation persists.

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

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

4.2 Most important symptoms and effects both acute and delayed

No further relevant information

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Product is not flammable although irritating fumes may be given off in the event of fire. Choice of extinguisher should be based on other surrounding materials.

Unsuitable agents:

5.2 Special hazards arising from the substance or mixture

Oxides of carbon and other irritating/ toxic fumes may be produced on combustion.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See section 8 for advice on protective equipment.

6.2 Environmental precautions

Do not allow spillage to enter 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.

6.4 Reference to other sections

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7. Handling and storage

7.1 Precautions for safe handling

Avoid eye contact.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed. Do not mix with other chemicals.

7.3 Specific end use

Cleaner for all washroom surfaces.

8. Exposure controls/personal protection

8.1 Control parameters

Substances assigned Workplace Exposure Limits

Name	type	Long term	Short term
Propan-2-ol	WEL	400ppm(8hr TWA)	500ppm(15 mins)

8.2 Exposure controls

Wear rubber gloves if skin contact is unavoidable. Wear eye protection to prevent liquid splashes if necessary. Avoid inhalation of spray mist.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear colourless liquid

Odour: fresh linen bouquet

Density at 20°C: 1.0kg/ltr

Solubility: Completely soluble in water.

pH: 5-6

Flash point: N/A

Boiling point: >100°C

Oxidising: No

9.2 Other information

10. Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions. See sect. 10.3

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

No special measures.

10.5 Incompatible materials

Strong alkalis and oxidising agents.

10.6 Hazardous decomposition products

Decomposition at high temperatures will produce oxides of carbon and nitrogen.

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11. Toxicological information

11.1 Information on toxicological effects.

Benzalkonium chloride LD₅₀ 200 – 2000mg/kg (oral, rat).

Propan-2-ol LD₅₀ 4700mg/kg (oral, rat)

No significant health hazard when used as intended. Effects of overexposure:-

Eyes: Irritation, redness and watering.

Skin: Irritation, redness.

Ingestion: Sore throat and mouth , abdominal pain, vomiting.

Inhalation (mist): Coughing, shortness of breath, irritation to membranes of nose and throat.

12. Ecological information

12.1 Toxicity

Aquatic toxicity : Benzalkonium chloride LC₅₀ 0.01 – 0.1mg/l (fish); Propan-2-ol LC₅₀ 9600mg/l (flathead minnow, 96h)

12.2 Persistence and degradability

All ingredients are biodegradable.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

All ingredients are water soluble.

12.5 Results of PBT and vPvB assessment

There are no ingredients identified as PBT or vPvB substances.

12.6 Other adverse effects

No further relevant information.

13. Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems.

Used packaging may be suitable for recycling after thorough washing with water.

14. Transport information

14.1 UN Number

Not classified as hazardous for transport.

14.2 UN Proper shipping name

None.

14.3 Transport hazard class(es)

Not classified

14.4 Packing group

Not classified

14.5 Environmental hazards

Not classified

14.6 Special precautions for user

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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, amphoteric surfactants, disinfectants, perfumes (Amyl cinnamal limonene, Cyclamen aldehyde, Eugenol, Geraniol).

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 R phrases 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

R11: Highly flammable

R21/22: Harmful in contact with skin and if swallowed.

R34: Corrosive, causes burns.

R36: Irritating to eyes.

R50: Very toxic to aquatic organisms

R67: Vapours may cause drowsiness and dizziness.

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