

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

Product identifier

Product : Lime Hand Cleaner

Details of the supplier of the safety data sheet

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44(0) 870 129 8608

Emergency telephone number

+44 1865 407333

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification - EC 1272/2008 : Acute Tox. 4: H302; Eye Irrit. 2: H319; Aquatic Chronic 3: H412;

Label elements

Hazard pictograms



Signal Word

: Warning

Hazard Statement

: Acute Tox. 4: H302 - Harmful if swallowed.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statement
(Prevention)

: P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Label elements

Precautionary Statement
(Response)

: P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 - Rinse mouth.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Precautionary Statement
(Disposal)

: P501 - Dispose of contents/container to an approved landfill site (in accordance with local/regional/national/international regulation)., Can be recycled if in compliance with [], local and national regulations

SECTION 3: Composition/information on ingredients

Mixtures

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isotridecanol, ethoxylated (>5-20EO)		9043-30-5			1 - 10%	

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
D-Limonene	601-029-00-7	5989-27-5	227-813-5		0 - 0.5%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
(L) Geraniol BJ		106-24-1	203-377-1		0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
(L) Octanal, 2-(phenylmethylene)		101-86-0	202-983-3		0 - 0.5%	Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;
(L) Citronellol		106-22-9	203-375-0		0 - 0.5%	Skin Corr. 1C: H314; Skin Sens. 1: H317; Eye Irrit. 2: H319;
(L) 2-(4-tert-Butylbenzyl propionaldehyde)		80-54-6			0 - 0.5%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Repr. 2: H361; Aquatic Chronic 3: H412;
LAURETH 7					1 - 10%	Acute Tox. 4: H302; Aquatic Chronic 3: H412;
Juglans Regia					1 - 10%	Eye Irrit. 2: H319;

SECTION 4: First aid measures

Description of first aid measures

Inhalation	: May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	: May cause sensitisation by skin contact. No irritation expected. Wash with water. Seek medical attention if irritation or symptoms persist.
Ingestion	: May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Most important symptoms and effects, both acute and delayed

Inhalation	: No irritation expected.
Eye contact	: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	: Wash with water.
Ingestion	: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Indication of any immediate medical attention and special treatment needed

Eye contact	: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	: No irritation expected. Wash with water.

Indication of any immediate medical attention and special treatment needed

Ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

Reference to other sections

Not normally required.

SECTION 7: Handling and storage

Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing.

Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

Specific end use(s)

When using do not eat or drink.

SECTION 8: Exposure controls/personal protection

Exposure controls

Appropriate engineering controls	: Ensure adequate ventilation of the working area.
Individual protection measures	: Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	: In case of splashing, wear: Approved safety goggles.
Skin protection – Hand protection	: No precautions required to be mentioned.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	: Gel
Colour	: Green
Odour	: Pleasant
pH	: 6.5 +/- 0.5
Melting point	: No data available
Initial boiling point	: No data available
Flash point	: Not relevant
Evaporation rate	: No data available
Flammability (solid, gas)	: Not relevant
Vapour pressure	: Not applicable.
Vapour density	: Not applicable.
Relative density	: 0.95
Partition coefficient	: Not determined
Autoignition temperature	: Not relevant
Viscosity	: Not determined
Explosive properties	: Not relevant
Oxidising properties	: No data available
Solubility	: Not determined

Other information

Conductivity	: Not determined
Surface tension	: Not determined
Gas group	: Not applicable.
Benzene Content	: Not applicable.
Lead content	: Not applicable.
VOC (Volatile organic compounds)	: Not applicable.

SECTION 10: Stability and reactivity

Reactivity

No Significant Hazard.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No Significant Hazard.

Conditions to avoid

Do NOT allow to freeze. Keep in a cool, dry, well ventilated area.

Incompatible materials

No Significant Hazard.

Hazardous decomposition products

No Significant Hazard.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	: No known adverse environmental effects.
Skin corrosion/irritation	: No Significant Hazard. May cause degreasing of the skin.
Serious eye damage/irritation	: Avoid contact with eyes. Irritating to eyes.
Respiratory or skin sensitisation	: May cause irritation to skin in susceptible persons.

Mixtures

Do NOT mix with any other product.

Hazard Information

No Significant Hazard.

Toxicological Information

No known adverse health effects.

SECTION 12: Ecological information

Toxicity

No known adverse environmental effects.

Persistence and degradability

No data is available on this product.

Bioaccumulative potential

No data is available on this product.

Partition coefficient

Lime Hand Cleaner ;not determined

Mobility in soil

No data is available on this product.

Results of PBT and vPvB assessment

Not determined.

Other adverse effects

Not determined.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

For small quantities:. Flush down the drain with plenty of water.

Disposal of packaging

Containers must be recycled in compliance with national legislation and environmental regulations.

SECTION 14: Transport information

UN number

The product is not classified as dangerous for carriage.

UN proper shipping name

The product is not classified as dangerous for carriage.

Transport hazard class(es)

The product is not classified as dangerous for carriage.

Packing group

The product is not classified as dangerous for carriage.

Environmental hazards

The product is not classified as dangerous for carriage.

Special precautions for user

The product is not classified as dangerous for carriage.
Not normally required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

The product is not classified as dangerous for carriage.
Not normally required.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations : COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. This product MSDS has been compiled in relation to EC No: 1272/2008 CLP Regulations.

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3 : Flam. Liq. 3: H226 - Flammable liquid and vapour.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Acute Tox. 4: H302 - Harmful if swallowed.

Repr. 2: H361 - Suspected of damaging fertility or the unborn child .
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Acute Tox. 4: H332 - Harmful if inhaled.

Part Number
MP005016
MP005017
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