

our safety data sheet for...

lemon gel cleaner



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

1.1 Product Identifier

Product Name: **Lemon Gel Cleaner**
Product Code: LCG050DEL01C (concentrate)

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

Use of the Substance/Mixture: Hard surface cleaner.
Recommended restrictions on use: We do not have information on restrictions. They will be included when available.

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco, Unit 1, River Reach, Gartons Way, London SW11 3SX

1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) f. 0870 974 7219 e: sales@delphiseco.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Category	Hazard Statements
Eye Irritation	Category 2	H319

2.2 Label elements

Hazard Symbols:

Signal word:

Warning

Hazard Statements:

H319: Causes serious eye irritation.

Precautionary Statements:

General:

P102: Keep out of reach of children (recommended for consumer products only).

Prevention:

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/eye protection.

Response:

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.



2.3 Other hazards

No other information is available.

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	EINECS	CAS	CLP Classification	Percent
Sodium C10-C16 Alkyl Ethoxy Sulphate	500-223-8	68585-34-3	Eye Irritation 2 H319 Skin Irritation 2 H315	5-10%
Alkyl Poly Glycoside C8/C10	500-220-1	68515-73-1	Eye Damage 1 H318	<3%

4. First Aid Measures

4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.

Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.

Ingestion: Do not drink, if swallowed drinking water may be beneficial, do not induce vomiting.

Inhalation: Avoid inhaling product, move to fresh air if in discomfort.

4.2 Most important symptoms and effects, both acute and delayed

No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.



Product name: Lemon Gel Cleaner
Product code: LCG050DEL01C
Page: 2 of 4

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Foam, Dry Powder, Co2, fine water spray suitable.

Unsuitable Extinguishing Media: None.

5.2 Special hazards arising from the substance or mixture

Not classed as flammable, if involved in a fire may emit noxious fumes.

5.3 Advice for fire fighters

Wear self contained breathing apparatus and protective clothing. Cool closed containers exposed to the fire with water spray. Prevent water run-off from discharging into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves. Avoid contact with skin and eyes.

6.2 Environmental precautions

Inform authorities in case of contamination of water or sewage system. Do not allow product to soak into drains or water courses.

6.3 Methods and materials for containment and cleaning up

Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

6.4 Reference to other sections

For personal protection refer to section 8.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Keep in tightly closed containers. Take note of emission threshold.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store between 10-35°C. Protect from frost. Do not store in extremes of temperature or near foodstuffs.

7.3 Specific end uses

To be used as a hard surface cleaner.

8. Exposure Controls/Personal Protection

8.1 Control parameters

WEL's not listed for individual components.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Not normally required. However, inhalation of vapour or spray should be avoided.

Hand protection: Wear protective gloves.

Eye protection: Wear safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Wear protective clothing.

8.2.3 Environmental exposure controls

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Pale Yellow Viscous Fluid

Odour: Mild Citrus

Odour Threshold: Not determined

pH Neat: 9.0 typical

Freezing Point: 0°C

Initial Boiling Point & Boiling Range: 100°C



Product name: Lemon Gel Cleaner
Product code: LCG050DEL01C
Page: 3 of 4

Flash Point: Not applicable
Evaporation rate: Not determined
Flammability: Not Flammable
Upper/Lower Flammability Limits: Not applicable
Vapour Pressure: Water=18mm Hg
Vapour Density: Not determined
Relative Density: 1.00 typical @ 20°C
Solubility: Soluble in water
Partition Coefficient (Oct/Water): Not determined
Auto Ignition Temperature: Not applicable
Decomposition Temperature: >100°C
Viscosity: As water
Explosive Properties: Not applicable
Oxidising Properties: Not applicable

9.2 Other Information

No other information.

10. Stability and Reactivity

10.1 Reactivity

No information available.

10.2 Chemical Stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to Avoid

High temperatures, naked flames.

10.5 Incompatible materials

Strong oxidising agents, strong acids.

10.6 Hazardous decomposition products

Product is stable under normal conditions

11. Toxicological Information

11.1 Information on toxicological effects

Eyes: Product is not classified as an eye irritant. Contact with the product is likely to cause irritation and stinging.
Skin: Product is not classified as a skin irritant. Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact with the product may lead to de-fatting of the skin and/or slight irritation.
Inhalation: Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.
Ingestion: Low order of acute toxicity. Ingestion of this product is not regarded as a significant health hazard, likely to arise in normal use. Swallowing of significant amounts may lead to vomiting and diarrhoea.

Acute Toxicity:	Alkyl Poly Glycoside	LD50 Oral (rat)	>4000 mg/kg
	Sodium C10-C16 Alkyl	LD50 Oral (rat)	>2000 mg/kg
	Ethoxy Sulphate		

12. Ecological Information

12.1 Toxicity

Eco-toxicity:	Alkyl Poly Glycoside	LC50 96hrs (fish)	198 mg/l
		EC50 48hrs (daphnia)	280 mg/l
	Sodium C10-C16 Alkyl	IC50 72hrs (Algae)	1-10 mg/l
		Ethoxy Sulphate	EC50 48hrs (daphnia)

12.2 Persistence and Degradability

The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the Competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.



Product name: Lemon Gel Cleaner
Product code: LCG050DEL01C
Page: 4 of 4

12.3 Bio-accumulative potential

Not expected to bio-accumulate.

12.4 Mobility in soil

No information.

12.5 Results of PBT and vPvB assessment

No information.

12.6 Other adverse effects

Not known.

13. Disposal Recommendations

13.1 Waste treatment methods

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

14. Transport Information

Product is not classified as hazardous for transport.

15. Regulatory Information

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

Less than 5% non-ionic surfactants.

5% or over but less than 15% anionic surfactants.

Fragrance.

15.2 Chemical safety assessment

No information at the present time.

16. Other Information

Full text of H-Statements referred to under sections 2 & 3

H315: Causes skin irritation

H318: Causes serious eye damage

H319: Causes serious eye irritation

Training Advice. Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise.. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH). Do not mix with other chemicals.

Date: 01.06.15

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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