SAFETY DATA SHEET

CLEAN SOLUTIONS LEMON FLOOR GEL

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

1.1. Product identifier

Product name Clean Solutions Lemon Floor Gel

Product number TWGCS004

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

Identified uses Floor & Hard Surface Cleaner, Detergent. For professional use only.

Uses advised against Not for oral consumption, use only for intended purpose.

1.3. Details of the supplier of the safety data sheet

Supplier

The Wholesale Group,
Cotswold Business Centre,
2 AP Ellis Road,
Upper Rissington,
Cheltenham GL54 2QB
Tel: +44 (0) 1422 319100

1.4. Emergency telephone number

Emergency telephone

National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 – H315, Eye Irrit. 2 – H319

Environmental hazards Aquatic Chronic 3 – H412

2.2. Label elements

Symbols

Signal word Danger

Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long-lasting effects. EUH208 Contains d-LIMONENE. May produce an allergic reaction.
Precautionary statements	P102 Keep out of reach of children. P15 Restricted to professional users only. P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P310 Immediately call a POISON CENTER/doctor. P332+P313 If skin irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P501 Dispose of contents/ container in accordance with local regulations
Contains	C12–14 Alkyl Ether Sulfates, Benzenesulfonic acid, C10–13-alkyl derivatives.
Detergent Labelling	< 10% anionic surfactant, < 10% non-ionic surfactant, < 1% perfume, Contains D-Limonene and Terpineol.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Mixtures

SODIUM LAURYL ETHER SULPHATE CAS Number 68891-38-3 EC Number 500-234-8 REACH Registration Number: 01-2119488639-16-XXXX	**1 - 10%**
TERPINEOL CAS number: 8000-41-7 EC number: 232-268-1	**<1%**
D-LIMONENE CAS number: 5989-27-5 EC number: 227-813-5 M factor (Chronic) = 1	**<1%**

COCO DIETHANOLAMINE CAS Number: 68603-42-9 EC Number: 931-329-6 REACH Registration Number: 01-2119490100-53-XXXX	**1 - 10%**
SODIUM HYDROXIDE CAS number: 1310-73-2 EC number: 215-185-5	**<1%**

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation If the affected person is exposed, move them to fresh air immediately. Rinse their nose and mouth with water. If any discomfort continues, seek medical attention.

Ingestion Do not give anything to an unconscious person. Do not induce vomiting. Rinse the mouth thoroughly with water. If discomfort persists, seek medical attention.

Skin contact Rinse the skin immediately with plenty of water. Remove any contaminated clothing. If irritation continues after rinsing, seek medical attention.

Eye contact Rinse eyes immediately with plenty of water. Remove any contact lenses, if present, and keep eyelids open. Continue rinsing for at least 15 minutes. If irritation persists, seek medical attention. Provide the Safety Data Sheet to medical personnel.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation Exposure is unlikely under normal use, but sensitive individuals may experience temporary irritation.

Ingestion Ingestion is not expected during normal use. If it occurs, symptoms may include nausea and possible irritation of the gastrointestinal tract. A soapy taste may also be noted.

Skin contact Extended or repeated contact may cause redness, irritation, or dryness of the skin.

Eye contact May cause short-term eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations, treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use alcohol-resistant foam, carbon dioxide, dry powder, or water fog to extinguish the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products When used and stored according to recommended guidelines, the substance does not decompose.

5.3. Advice for firefighters

Protective actions during firefighting Prevent water runoff from the fire area, ensuring it does not enter sewers or watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection see Section 8. Beware of slippery floors and surfaces in case of spills.

6.2. Environmental precautions

Environmental precautions Collect and dispose of any spillage as described in Section 13. Do not allow the substance to enter drains, watercourses, or be released onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up If it is safe to do so, stop the leak. Absorb the spill using materials such as vermiculite, dry sand, or earth, and place the absorbent material into containers. Clean the contaminated area by flushing it with plenty of water. Take precautions to prevent the spill or runoff from entering drains, sewers, or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Wear the protective clothing outlined in Section 8 of this Safety Data Sheet. Do not mix with other household chemicals.

Advice on general occupational hygiene There are no specific hygiene procedures required, but it's important to practice good personal hygiene when handling chemical products.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 5°C and 25°C. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

DNEL
Workers - Inhalation; Long term systemic effects: 175 mg/m³
Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 52 mg/m³
Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
Consumer - Oral; Long term systemic effects: 15 mg/kg/day

PNEC
- Fresh water; 0.24 mg/l
- Marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, Marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

LIMONENE (CAS: 5989-27-5)

DNEL
Workers - Inhalation; Long term systemic effects: 66.7 mg/m³
Workers - Dermal; Long term systemic effects: 9.5 mg/kg/day
General population - Inhalation; Long term systemic effects: 16.6 mg/m³
General population -Dermal; Long term systemic effects: 4.8 mg/kg/day
General population - Oral; Long term systemic effects: 4.8 mg/kg/day

PNEC
- Fresh water; 0.014 mg/l
- marine water; 0.00014 mg/l
- STP; 1.8 mg/l
- Sediment (Freshwater); 3.85 mg/kg
- Sediment (Marinewater); 0.385 mg/kg
- Soil; 0.763 mg/kg

8.2. Exposure controls

Protective Equipment

Appropriate engineering Controls	Provide adequate ventilation.
Eye/face protection	Wear chemical splash goggles.
Hand protection	Use protective gloves. Chemical-resistant, impervious gloves are recommended.
Other skin and body Protection	Wear appropriate protective clothing to prevent splashes or contamination.
Hygiene measures	Do not eat, drink, or smoke while handling the product.
Respiratory protection	No specific respiratory protection is required under normal conditions of use.
Environmental exposure controls	Keep the container securely closed when not in use. Avoid releasing into the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Yellow
Odour	Lemon
Odour threshold	Not applicable.
pH	pH (concentrated solution): 8 - 10
Relative density	1.00 - 1.09
Solubility(ies)	Soluble in water.
Explosive under the influence of a flame	Not considered to be explosive.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information	Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity This product is not known to present any reactivity hazards.

10.2. Chemical stability

Stability The product is considered stable, with no specific concerns under normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions are expected when used as directed. Refer also to Sections 10.1, 10.4, and 10.5.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing and do not expose the product to excessive heat for extended periods. No other specific conditions are known to create a hazardous situation.

10.5. Incompatible materials

Materials to avoid Strong Acids and Hypochlorite bleach products.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Other health effects Does not contain any substances known to be carcinogenic.

Acute toxicity - oral Available data indicate that classification criteria are not met.

Notes (oral LD_{50})

Acute toxicity - dermal Available data indicate that classification criteria are not met.

Notes (dermal LD_{50})

Acute toxicity - inhalation Available data indicate that classification criteria are not met.

Notes (inhalation LC_{50})

Skin corrosion/irritation

Skin corrosion/irritation Prolonged or repeated contact may cause redness or skin corrosion/ irritation.

Serious eye damage/irritation

Serious eye damage/irritation May cause serious eye irritation.

Respiratory sensitisation The product is not classified as a respiratory sensitiser.
Respiratory sensitisation

Skin sensitisation Not classified. Based on available data the classification criteria are not met.
Skin sensitisation

Germ cell mutagenicity The product does not contain any substances known to be mutagenic.
Genotoxicity - in vitro

Carcinogenicity The product does not contain any substances known to be carcinogenic.
Carcinogenicity

Reproductive toxicity No ingredients are known to be toxic to reproduction or fertility.
Reproductive toxicity - fertility

Specific target organ toxicity - single exposure
STOT - single exposure Not classified as causing specific target organ toxicity after a single exposure.
Specific target organ toxicity - repeated exposure
STOT - repeated exposure Not classified as causing specific target organ toxicity after repeated exposure.

General information This product is considered to have low toxicity.

Inhalation No specific health hazards are expected from inhalation under normal use.

Ingestion May cause mild irritation. Overexposure could result in symptoms such as stomach pain, nausea, vomiting, or diarrhea.

Skin contact Under normal use, skin irritation is not expected. Repeated or prolonged contact may lead to dryness or cracking of the skin.

Eye contact May cause temporary irritation to the eyes.

SECTION 12: Ecological Information

Ecotoxicity There is no available data on the ecotoxicity of this product. It is not considered hazardous to the environment.

12.1. Toxicity

Toxicity Based on available data, the classification criteria are not met. The The product is not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability The surfactants in this product meet the biodegradability criteria specified in the Detergents Regulations (as amended).

12.3. Bioaccumulative potential

Bioaccumulative potential No data is available regarding bioaccumulation.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread through water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances that are classified as persistent, bioaccumulative, and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6. Other adverse effects

Other adverse effects No other adverse environmental effects are known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste generation should be minimized or avoided whenever possible.

Disposal methods Ensure the packaging is empty (no residual product when inverted). Wash the packaging thoroughly with plenty of water. The empty packaging should be collected for reuse or recycling. Dispose of waste at an authorized disposal site in compliance with local regulations. Under normal conditions of use, diluted solutions are typically safe to flush into sewers.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. Not applicable

SECTION 15: Regulatory information

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

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). EH40/2005 Workplace exposure limits.
EU legislation	European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended) European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended) European Regulation (EC) No 648/2004 on detergents (as amended) Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.
Guidance	COSHH Essentials. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out, as it is not applicable to this product, which is a mixture.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	PBT: Persistent, Bioaccumulative and Toxic substance vPvB: Very Persistent and Very Bioaccumulative.
Date	02/12/2025
SDS Number	021225
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes 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. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains LIMONENE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.