

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Plantapon LGC

Product code: 70378

Supplier: The Soap Kitchen. Unit 2E Hatchmoor Ind/Est, Torrington, EX38 7HP.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition: Aqueous preparation of D-glucopyranose, oligomeric, C10-C16 glycosides, carboxymethyl ethers and sodium salts.

CAS No: 383178-66-3 / 110615-47-9

Surfactant type: Anionic

Application: Surfactant in hair and body wash products

INCI name(s): Lauryl glucose carboxylate, Lauryl glucoside

## 3. HAZARDS IDENTIFICATION:

Xi Irritant

## 4. FIRST-AID MEASURES:

Inhalation:	Not relevant
Eye contact:	Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
Skin contact:	Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
Ingestion:	Rinse mouth out with water. Seek medical advice immediately.
Other:	When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. FIRE FIGHTING MEASURES.

Extinguishing media recommended:	Use CO <sub>2</sub> , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special measures:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Extinguishing procedures:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. ACCIDENTAL RELEASE MEASURES.

Personal precautions:	Avoid direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective
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Environment precautions: clothing) in case of major spillages.  
Keep away from drains, soils, surface & groundwaters.  
Cleaning up methods: Contain spilled material with an inert or non-combustible inorganic  
absorbent material, sweep up and remove to an approved disposal  
Cover for spillages: container. Observe state, federal & local disposal regulations.

## 7. HANDLING & STORAGE.

Precautions in handling: Apply good manufacturing practice & industrial hygiene practices,  
ensuring proper ventilation. Observe good personal hygiene, and do  
not eat, drink or smoke whilst handling. Avoid open flames.  
Storage conditions: Store in tightly closed original container, in a cool, dry & ventilated area  
away from heat sources & protected from light. Keep air contact to a  
minimum.  
Fire protection: Keep away from ignition sources & naked flames. Take precautions to  
avoid static discharges in working area.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible.  
Ventilation: Ensure good ventilation of working area.  
Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.  
Eye protection: Use safety glasses.  
Work/Hygiene practices: Wash hands with soap & water after handling.

## 9. PHYSICAL & CHEMICAL PROPERTIES.

Colour: Yellow  
Appearance: Clear liquid  
Odour: Almost colourless  
Flash point °C: >100  
Active matter, %: 28.5 – 34.0

## 10. STABILITY & REACTIVITY.

Reactivity: It presents no significant reactivity hazards, by itself or in contact with  
water. Avoid contact with strong acids, alkali or oxidising agents.  
Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon  
monoxide, carbon dioxide & other non-identified organic compounds  
may be formed.

## 11. TOXICOLOGICAL INFORMATION.

Acute oral toxicity: LD50>2000mg/kg body weight. (Literature value)  
Skin irritation: Irritating. Data from literature.  
Eye irritation: Irritating. Data from literature.

## 12. ECOLOGICAL INFORMATION.

Biodegradability: Primary degradation; According to the EU mandatory standards for  
detergents 82/242 (non-ionic surfactants) and 82/243/EEC (anionic  
surfactants) the surfactants in the products are biodegradable to at  
least 90% on average.

Ultimate degradation: Readily and rapidly degradable. All organic substances contained in the product achieve >60% BOD/COD or CO<sub>2</sub> liberation, or >70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached. The surfactant(s) contained in this product complies with the biodegradability criteria as laid down in the regulation (EC) No. 648/2004 on detergents. Data from literature.

Precautions: Prevent surface contamination of soil, ground & surface water.

### 13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

### 14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a  
Air (IATA): n/a  
Sea (IMDG): n/a  
CHIP: See section 15

### 15. REGULATORY INFORMATION.

Hazards: Irritant  
Symbols: Xi  
Risk Phrases: R36/38 Irritating to the eyes and skin  
Safety Phrases: S24/25 Avoid contact with skin and eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S28 After contact with skin, wash immediately with plenty of water  
S37/39 Wear suitable gloves and eye/ face protection

### 16. OTHER INFORMATION.

Cosmetics Directive 7<sup>th</sup> Amendment: Not restricted

### PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

### SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum shelf life of 36 months.

### Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.