



# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

GHS Product Identifier  
Chemical Name

#### KEMGLUCO CLM

*d-glucopyranose, oligomeric, C10-16(even-numbered)*  
*alkyl glycosides*  
Lauryl glucoside  
110615-47-9  
600-975-8

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

Identified use(s)

Surfactant

Uses advised against

### 1.3 Details of the supplier of the safety data sheet

The Soap Kitchen  
Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford,  
Devon EX39 3DX  
Tel: 01237 420872 (+44 (0)1237 420872)  
Email: [it@thesoapkitchen.co.uk](mailto:it@thesoapkitchen.co.uk)

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 Regulation (EC) No. 1272/2008 (CLP)

Skin Irrit. 2 H315  
Eye Dam. 1 H318

#### 2.1.2 Directive 1999/45/EC

Xi Irritant.

### 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

#### 2.2.1 Label elements

GHS Product Identifier

KEMGLUCO CLM



Hazard pictogram(s)

Signal word(s)

Danger

Hazard statement(s)

H315: Causes skin irritation.  
H318: Causes serious eye damage.

Precautionary statement(s)

P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 2.2.2 Label elements

Classification according to Dangerous Product Regulations incl. EC Directives

Hazard classification



Xi Irritant.

Risk Phrases

R38: Irritating to skin.  
R41: Risk of serious damage to eyes.

Safety Phrases

S25: Avoid contact with eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39: Wear eye/face protection.

## 2.3 Other hazards

Not applicable

## 2.4 Additional Information

# 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Substances

EC Classification No. 1272/2008

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	Hazard statement(s)
d-glucopyranose, oligomeric, C10-16(even-numbered) alkyl glycosides	45 - 60%	110615-47-9	600-975-8	Skin Irrit. 2 H315 Eye Dam. 1 H318

EC Classification No. 67/548/EEC

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	Classification and Risk Phrases
d-glucopyranose, oligomeric, C10-16(even-numbered) alkyl glycosides	45 - 60%	110615-47-9	600-975-8	R38-R41

## 3.3 Additional Information

For full text of R/H/P phrases see section 16.

#### 4. SECTION 4: FIRST AID MEASURES



##### 4.1 Description of first aid measures

Inhalation

Unlikely route of exposure. Remove persons affected by vapour to fresh air. Apply artificial respiration if breathing has ceased or shows signs of failing. Administer oxygen if necessary. If symptoms develop, obtain medical attention.

Skin Contact

Remove contaminated clothing and wash affected skin with plenty of water. Wash contaminated clothing before reuse. If symptoms develop, obtain medical attention.

Eye Contact

Obtain medical attention. If substance has got into the eyes, immediately wash out with plenty of water for at least 10 minutes.

Ingestion

Obtain medical attention. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting.

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

Irritation, Coughing. Nausea. Vomiting.

##### 4.3 Indication of the immediate medical attention and special treatment needed

Increased difficulty in breathing.

#### 5. SECTION 5: FIRE-FIGHTING MEASURES

##### 5.1 Extinguishing media

Suitable Extinguishing Media

As appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

##### 5.2 Special hazards arising from the substance or mixture

None known.

##### 5.3 Advice for fire-fighters

Self-contained breathing apparatus to be worn if involved in fire.

#### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures

Put on protective clothing. Avoid contact with skin and eyes.

##### 6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

##### 6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. To be disposed of as hazardous waste.

##### 6.4 Reference to other sections

See Section: 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) & 13 (DISPOSAL CONSIDERATIONS)

#### 7. SECTION 7: HANDLING AND STORAGE

##### 7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Avoid contact with skin and eyes. Use only in well-ventilated areas.

##### 7.2 Conditions for safe storage, including any incompatibilities

Storage Temperature

Keep only in the original container in a cool, well-ventilated place. Keep containers properly sealed when not in use. < 40 degC.

Storage Life  
Incompatible materials  
Other information

2 Year(s)..  
Strong oxidising and reducing agents.  
Keep away from direct sunlight.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

**WEL: Workplace Exposure Limit (UK HSE EH40)**

LTEL (8 hr TWA mg/m<sup>3</sup>)  
LTEL (8 hr TWA mg/m<sup>3</sup>)

Not applicable.  
Not applicable.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.

#### 8.2.2 Personal protection equipment

Eye/face protection

Safety spectacles/goggles. EN166.



Skin protection (Hand protection/ Other)



Gloves : Nitrile rubber. EN374-3.  
Apron or other light protective clothing.

Respiratory protection



Provide adequate ventilation, including appropriate local extraction. No personal respiratory protective equipment normally required.

Other

Guarantee that the eye flushing systems and safety showers are located close to the working place. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

#### 8.2.3 Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties (Mixture)

Appearance

Viscous liquid

Colour

Pale yellow

Odour

Almost odourless

Odour Threshold (ppm)

Not available.

pH (Value)(20% solution - water/isopropanol 15%)

11 -12.5

Melting Point (°C) / Freezing Point (°C)

< 0 degC

Boiling point/boiling range (°C):

> 100 degC

Flash Point (°C) [Closed cup]

Not applicable

Evaporation rate (Butyl acetate = 1)

<< 1

Explosive limit ranges

Not applicable.

Vapour Pressure (mmHg)

< 1 mmHg at 20 degC

Vapour Density (Air=1)

Not applicable.

Density (g/ml)

1.1 (approx) at 20 degC

Solubility (Water)

Miscible

Solubility (Other)

Not Soluble in most organic solvents.

	Partition Coefficient (n-Octanol/water)	< -0.07 (calculated)
	Auto Ignition Temperature (°C)	Not applicable
	Decomposition Temperature (°C)	> 200 degC
	Viscosity (mPa.s)	> 1 000
	Explosive properties	Not explosive.
	Oxidising properties	Not oxidising
<b>9.2</b>	<b>Other information</b>	

## 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	Reacts with - Strong oxidising and reducing agents
<b>10.2</b>	<b>Chemical stability</b>	Stable under normal conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	None known.
<b>10.4</b>	<b>Conditions to avoid</b>	The product may decompose if heated to temperatures above (40°C):
<b>10.5</b>	<b>Incompatible materials</b>	Strong oxidising and reducing agents.
<b>10.6</b>	<b>Hazardous Decomposition Product(s)</b>	None known

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b>Information on toxicological effects</b>	
<b>11.1.1</b>	<b>Substances</b>	
	<b>Acute toxicity</b>	
	Ingestion	LD50 > 5 000 mg/kg (rat)
	Inhalation (4 hrs)	Not applicable (Test not scientifically justified)
	Skin Contact	LD50 > 2 000 mg/kg
	<b>Skin corrosion/irritation</b>	Irritant.
	<b>Serious eye damage/irritation</b>	Severe irritant to the eye.
	<b>Respiratory or skin sensitization</b>	It is not a skin sensitizer in animal tests.
	<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
	<b>Carcinogenicity</b>	No evidence of carcinogenicity.
	<b>Reproductive toxicity</b>	No evidence of reproductive toxicity.
	<b>STOT-single exposure</b>	<b>Inhalation</b> : Irritating to respiratory system. <b>Ingestion</b> : Will cause irritation of the gastrointestinal tract.
	<b>STOT-repeated exposure (91 Days.)</b>	No data
<b>11.2</b>	<b>Other information</b>	

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1</b>	<b>Toxicity</b>	
	(Fish) (96hrs)	LC50 > 5 mg/ l (Danio rerio)
	(Daphnia magna) (48hrs)	EC50 > 15 mg/l
	(Algae) (72hrs)	EC50 > 10 mg/l (Desmodesmus subspicatus)
<b>12.2</b>	<b>Persistence and degradability</b>	Readily biodegradable.
<b>12.3</b>	<b>Bioaccumulative potential (96 hrs)</b>	The product has no potential for bioaccumulation.
<b>12.4</b>	<b>Mobility in soil</b>	This product is predicted to degrade in soil.
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6</b>	<b>Other adverse effects</b>	

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b>Waste treatment methods</b>	To be disposed of as hazardous waste. Normal disposal is via incineration operated by an accredited disposal contractor. Consult an accredited waste disposal contractor or the local authority for advice.
<b>13.2</b>	<b>Additional Information</b>	

## 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 Land transport (ADR/RID)</b>	
UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
<b>14.2 Sea transport (IMDG)</b>	
UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
<b>14.3 Air transport (ICAO/IATA)</b>	
UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.1.1 EU regulations</b>	
Authorisations and/or restrictions on use	EC Standards 82/242 and 82/243/EEC (Detergents) : This product is > 90% biodegradable in water.
<b>15.1.2 National regulations</b>	None assigned
<b>15.2 Chemical Safety Assessment</b>	Not determined.

## 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Sections #1 - #16. (Format)

### References:

European Chemicals Agency  
European Chemicals Bureau  
European Regulations and Directives  
Published chemical directories  
Suppliers' safety data sheets  
UK Health and Safety Executive  
US Environmental Protection Agency

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