



# 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  
Other names  
CAS No.  
EINECS No.

**Kemol FA 1618**  
*Alcohols C16-18*  
Cetostearyl/Stearyl  
67762-27-0  
267-008-6

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

Identified use(s)

Emulsifier, Thickening agent

Uses advised against

None known.

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

Company Identification

**The Soap Kitchen**  
Unit 8 Caddsdwn Industrial Park  
Clovally Road  
Bideford  
Devon EX39 3DX  
+44 (0)1237 420872  
[www.thesoapkitchen.co.uk](http://www.thesoapkitchen.co.uk)  
[info@thesoapkitchen.co.uk](mailto:info@thesoapkitchen.co.uk)

Telephone:

Website Address:

E-Mail Address:

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Not classified as dangerous according to EC 1272/2008

#### 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC

Not classified as dangerous according to 67/548/EEC

### 2.2 Label elements

Not classified as dangerous according to EC 1272/2008

#### 2.2.1 Label elements

GHS Product Identifier

Kemol FA1618

Hazard pictogram(s)

Not required

Signal word(s)

Not required

Hazard statement(s)

None required

Precautionary statement(s)

None required

- 2.2.2 Label elements** According to Directive 67/548/EEC : Not applicable
- 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

Ingredient(s)	%W/W	CAS No.	EC No.	Hazard statement(s)
Alcohols C16-18	90 %	67762-27-0	267-008-6	Not classified

EC Classification No. 67/548/EEC

Ingredient(s)	%W/W	CAS No.	EC No.	Classification and Risk Phrases
Alcohols C16-18	90 %	67762-27-0	267-008-6	Not classified

#### 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 soap and 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 15 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 without medical advice.

#### 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

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable Extinguishing Media

Water jet

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

Combustible but not readily ignited.

mixture	
5.3 Advice for fire-fighters	Self-contained breathing apparatus to be worn if involved in fire. Water spray should be used to cool containers.




## 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. Eliminate sources of ignition.
6.2 Environmental precautions	Do not allow to enter drains, sewers or watercourses.
6.3 Methods and material for containment and cleaning up	Sweep up spilled substance. Transfer to a lidded container for disposal or recovery.
6.4 Reference to other sections	To be disposed of as hazardous waste. See Section: 8 (Exposure controls / PPE) & 13 (Disposal)

## 7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	Avoid contact with skin and eyes. Avoid breathing dust. Use only in well-ventilated areas.
7.2 Conditions for safe storage, including any incompatibilities Storage Temperature Storage Life Incompatible materials Other information	Keep only in the original container in a cool, well-ventilated place. Keep containers properly sealed when not in use. Maximum : 30 degC. One year. Strong oxidising agents. Strong acids This product should be kept away from naked flames and other sources of ignition. Keep away from food, drink and animal feedingstuffs.

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

8.1 Control parameters	
8.1.1 Occupational Exposure Limits  LTEL (8 hr TWA mg/m <sup>3</sup> ) LTEL (8 hr TWA mg/m <sup>3</sup> )	<b>WEL: Workplace Exposure Limit (UK HSE EH40)</b>  Not listed Not listed
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Provide adequate ventilation, including appropriate local extraction if dust is likely to be evolved.
8.2.2 Personal protection equipment Eye/face protection	Safety spectacles/goggles. Minimum standard EN166.
 Skin protection (Hand protection/ Other)	
 Respiratory protection	Nitrile or butyl gloves. Minimum standard EN374-3. Apron or other light protective clothing.
 Other	Provide adequate ventilation, including appropriate local extraction. Personal respiratory equipment is not normally required. If ventilation is inadequate and dust/mist cannot be avoided wear Full-/Half-/quarter-face masks ( EN 136/140/141) with Type A filter
	General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and after work.

Wash contaminated clothing before reuse.

### 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 (Solution)

Appearance	Solid or liquid depending on delivery state
Colour	White.
Odour	Perceptible odour. Alcohol-like
Odour Threshold (ppm)	Not available
pH (Value)	Not applicable
Melting Point (°C) / Freezing Point (°C)	48-53 degC
Boiling point/boiling range (°C):	310-360 degC
Flash Point (°C) [Closed cup]	170 degC
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)	0.82 at 20 degC
Solubility (Water)	Insoluble
Solubility (Other)	Soluble in: Most organic solvents
Partition Coefficient (n-Octanol/water)	Log Kow > 6.7
Auto Ignition Temperature (°C)	269 degC (Stearyl alcohol)
Decomposition Temperature (°C)	> 200 degC
Viscosity (mPa.s)	Not applicable
Explosive properties	Not explosive.
Oxidising properties	Not oxidising

### 9.2 Other information

## 10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Reacts with Strong oxidising agents and acids
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	High temperatures
10.5 Incompatible materials	Strong oxidising agents. Strong acids
10.6 Hazardous Decomposition Product(s)	None known

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.1 Substances

##### Acute toxicity

Ingestion	LD50 > 5 000 mg/kg (rat)(Cetyl alcohol) LD50 > 2 000 mg/kg (rat)(Stearyl alcohol)
-----------	--

Inhalation (4 hrs) Not available

Skin Contact LD50 : 3 200 mg/kg (rat)(Cetyl alcohol)

**Skin corrosion/irritation** Not irritant.

**Serious eye damage/irritation** Slightly irritant.

**Respiratory or skin sensitization** It is not a skin sensitiser in animal tests.

**Mutagenicity** There is no evidence of mutagenic potential.

**Carcinogenicity** No evidence of carcinogenicity.

**Reproductive toxicity** No evidence of reproductive toxicity.

**STOT-single exposure** **Inhalation** : Irritation of the respiratory tract. Coughing.

**Ingestion** : Inflammation of digestive tract

**STOT-repeated exposure (91 days)** No data

## 11.2 Other information

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b> (Fish) (96hrs) (Daphnia magna) (48hrs) (Algae) (72hrs)	NOEC > 0.4mg/l (> limit of solubility)(Stearyl alcohol) EC50 > 0.01 mg/L (> limit of solubility)(Cetyl alcohol) EC50 > 0.01 mg/l (> limit of solubility)(Cetyl alcohol)
<b>12.2 Persistence and degradability</b>	Readily biodegradable.
<b>12.3 Bioaccumulative potential (96 hrs)</b>	The product has moderate potential for bioaccumulation.
<b>12.4 Mobility in soil</b>	This product is predicted to degrade in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Other adverse effects</b>	

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Material 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 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	None anticipated
<b>15.1.2 National regulations</b>	None assigned
<b>15.2 Chemical Safety Assessment</b>	No Chemical Safety Assessment (CSA) has been carried out

## 16. SECTION 16: OTHER INFORMATION

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

### 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

#### **Risk Phrases**

None required

#### **Hazard statement(s)**

None required

#### **Precautionary statement(s)**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312: Call a POISON CENTRE or doctor if you feel unwell.  
P337 + P313: If eye irritation persists: Get medical advice/attention.  
P362: Take off contaminated clothing and wash before reuse.  
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

#### **Additional Information**

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. **The Soap Kitchen** gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. **The Soap Kitchen** accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.