



The Soap Kitchen (2011) Ltd  
Unit 8, Caddsdwn Industrial Park, Clovelly Road,  
Bideford, Devon, EX39 3DX, United Kingdom

Email: enquiries@thesoapkitchen.co.uk  
Call: +44 (0) 1237 420 872

## SAFETY DATA SHEET

### LIQUID CRYSTAL CONCENTRATE

Page: 1

Compilation date: 08/02/2013

Revision date: 19/09/12

Revision No: 8

#### Section 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name: LIQUID CRYSTAL CONCENTRATE

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

Use of substance / mixture: PC39: Cosmetics, personal care products.

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

Company name: The Soap Kitchen  
Unit 8 Caddsdwn Industrial Park  
Clovelly Road  
Bideford  
Devon  
EX39 3DX

Tel: +44(0)1237 420872

Email: enquiries@thesoapkitchen.co.uk

##### 1.4. Emergency telephone number

Emergency tel: 01237 420872

#### Section 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Aquatic Chronic 3: H412; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

##### 2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion



[cont...]

# SAFETY DATA SHEET

## LIQUID CRYSTAL CONCENTRATE

Page: 2

**Signal words:** Danger

**Precautionary statements:** P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of 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.  
P310: Immediately call a POISON CENTER or doctor.  
P321: Specific treatment (see instructions on this label)

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

SODIUM ALKYL ETHER SULPHATE - REACH registered number(s): 01-2119488639-16-0020

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-234-8	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	20-50%

COCAMINE OXIDE - REACH registered number(s): 01-2119489396-21-0002

EINECS	CAS	PBT / WEL	CLP Classification	Percent
263-016-9	61788-90-7	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411	1-2%

COCAMIDOPROPYL BETAINE - REACH registered number(s): 01-2119488533-30-0001

EINECS	CAS	PBT / WEL	CLP Classification	Percent
263-058-8	61789-40-0	-	Aquatic Chronic 3: H412; Eye Dam. 1: H318	1-2%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

[cont...]

# SAFETY DATA SHEET

## LIQUID CRYSTAL CONCENTRATE

Page: 3

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

[cont...]

**SAFETY DATA SHEET**  
LIQUID CRYSTAL CONCENTRATE

Page: 4

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

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

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** An environmental assessment must be made to ensure compliance with local environmental legislation.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Solubility in water:** Miscible

**Viscosity:** Viscous

**Kinematic viscosity:** ~ 3500 cps

**pH:** 6 - 8

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

**SAFETY DATA SHEET**  
LIQUID CRYSTAL CONCENTRATE

Page: 5

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**SODIUM ALKYL ETHER SULPHATE**

ORL	RAT	LD50	4000	mg/kg
-----	-----	------	------	-------

**COCAMINE OXIDE**

DERMAL	RAT	LD50	>2000	mg/kg
ORL	RAT	LD50	2820	mg/kg

**COCAMIDOPROPYL BETAINE**

DERMAL	-	calculated	> 5000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	calculated	> 5000	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

[cont...]

**SAFETY DATA SHEET**  
LIQUID CRYSTAL CONCENTRATE

Page: 6

**12.1. Toxicity**

**Hazardous ingredients:**

**SODIUM ALKYL ETHER SULPHATE**

FISH	96H LC50	1 - 10	mg/l
------	----------	--------	------

**COCAMINE OXIDE**

ALGAE	72H ErC50	0.19	mg/l
Daphnia magna	48H EC50	2.4	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	1.26	mg/l

**COCAMIDOPROPYL BETAINE**

ALGAE	72H ErC50	2.4	mg/l
Daphnia magna	48H EC50	1.9	mg/l
FISH	96H LC50	1.11	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

[cont...]

**SAFETY DATA SHEET**  
LIQUID CRYSTAL CONCENTRATE

Page: 7

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

---

Nature of Revision - Reach Regulations

**Phrases used in s.2 and s.3:** H315: Causes skin irritation.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.