



## SAFETY DATA SHEET

MINIML LAUNDRY LIQUID

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Compilation date: 11/09/2019

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** Miniml Laundry Liquid

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

**Use of substance / mixture:** Detergent

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

**Company name:** The Friendly Chemical Co Limited

Unit 3, Parkwood Business Park

Parkwood Street, Keighley

West Yorkshire

BD21 4WD

United Kingdom

**Tel:** + 44 1535 509 003

**Email:** hello@thefriendlychemicalco.com

#### 1.4. Emergency telephone number

**Emergency tel:** + 44 1535 509 003

(office hours only)

### Section 2: Hazards identification

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

**Classification under CLP:** Eye Irrit. 2: H319

**Most important adverse effects:** Causes serious eye irritation.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:**

**Precautionary statements:** P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P102: Keep out of reach of children.

P103: Read label before use.

[cont...]

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### 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 LAURYL SULFOACETATE STEPAN - REACH registered number(s): 01-2119979530-32-000X

EINECS	CAS	PBT / WEL	CLP Classification	Percent
939-512-2	-	-	Acute Tox. 4: H302; Eye Dam. 1: H318;	5-10%

SODIUM C14-6 OLEFIN SULFONATE

931-534-0	68439-57-6	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	1-5%
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COCONUT DIETHANOLAMINE - REACH registered number(s): 01-2119490100-53-XXXX

931-329-6	68155-07-7	-	Skin Irrit. 2: H315; Eye Dam. 1: H318;	1-5%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Rinse off with water

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

**Ingestion:** Seek medical attention if symptoms cause concern and you feel unwell

**Inhalation:** Not considered hazardous by inhalation. Seek medical attention if symptoms or irritation cause concern.

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

**Skin contact:** Though unlikely symptoms should be mild. If concerned get medical advice

**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:** Not classified as hazardous but if symptoms occur get medical advice,

**Inhalation:** Symptoms are unlikely. If symptoms occur get medical advice.

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

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

## 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.

[cont...]

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## 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:** Turn leaking containers leak-side up to prevent the escape of liquid. Surfaces contaminated with the product will become slippery.

### 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 contact with eyes, keep away from children Adopt manual Handling Practices

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

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

**Suitable packaging:** correctly labelled containers must be used

### 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

**Hazardous ingredients:**

[cont...]

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#### SODIUM LAURYL SULFOACETATE STEPAN

Type	Exposure	Value	Population	Effect
DNEL	Dermal	4.688MG/KG BW/DAY	General Population	Systemic
DNEL	Inhalation	6.52mg/m3	General Population	Systemic
DNEL	Oral	3.75 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	9.375 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	26.45 mgm3	Workers	Systemic
PNEC	Fresh water	0.004 mg/l	-	-
PNEC	intermittent release	0.042 mg/l	-	-
PNEC	Marine water	0.00042 mg/l	-	-
PNEC	Fresh water sediments	0.253 mg/kg	-	-
PNEC	Marine sediments	0.025 mg/kg	-	-
PNEC	Soil (agricultural)	0.048 mg/kg	-	-
PNEC	STP	1 mg/l	-	-

#### SODIUM C14-6 OLEFIN SULFONATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	1295mg/kg bw/day	General Population	Systemic
DNEL	Inhalation	45.04 mg/m3	General Population	Systemic
DNEL	Oral	12.95 mg/kg/day	General Population	Systemic
DNEL	Dermal	2158.33 mg/kg/day	Workers	Systemic
DNEL	Inhalation	155.22mg/m3	Workers	Systemic
PNEC	Fresh water	0.024 mg/l	-	-
PNEC	Intermittent releases	0.02 mg/l	-	-
PNEC	Marine water	0.002mg/l	-	-
PNEC	Fresh water sediments	0.767 mg/kg	-	-
PNEC	Marine sediments	0.077 mg/kg	-	-
PNEC	Soil (agricultural)	1.21 mg/kg	-	-
PNEC	STP	4 mg/l	-	-

#### 8.2. Exposure controls

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

**Respiratory protection:** None required if adequate air flow is maintained. If exposure limits are encountered respiratory protection has to be available.

**Hand protection:** Classified as non-hazardous so hand protection is not required. In factory situations where large volumes of the product are dispensed wearing of hand protection is advised.

**Eye protection:** In case of splash injury wear appropriate safety goggles/eye protection

**Skin protection:** Classified as a non-hazardous product so protective clothing is optional, for factory situation where large quantities are dispensed wearing of protective clothing is advised.

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## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Clear

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** No data available.

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** >93

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** No data available.

**pH:** 10-11

**VOC g/l:** No data available.

### 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.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Freezing

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

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

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

[cont...]

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#### Hazardous ingredients:

##### SODIUM LAURYL SULFOACETATE STEPAN

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	1650	mg/kg

##### SODIUM C14-6 OLEFIN SULFONATE

DERMAL	RBT	LD50	6300	mg/kg
DUST/MIST	RAT	4H LC50	>52	mg/l
ORAL	RAT	LD50	2079	mg/kg

#### Relevant hazards for product:

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

#### Symptoms / routes of exposure

**Skin contact:** Though unlikely symptoms should be mild. If concerned get medical advice

**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:** Not classified as hazardous but if symptoms occur get medical advice,

**Inhalation:** Symptoms are unlikely. If symptoms occur get medical advice.

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

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### SODIUM LAURYL SULFOACETATE STEPAN

ALGAE	72H IC50	6.8	mg/l
ALGAE	NOEC 72H	0.86	mg/l
Daphnia magna	48H EC50	7.9	mg/l
FISH	96H LC50	4.2	mg/l

##### SODIUM C14-6 OLEFIN SULFONATE

ALGAE	96H LC50	5.2	mg/l
Daphnia magna	48H EC50	4.53	mg/l
FISH	96H LC50	4.2	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

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### 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.

**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.

## 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:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

**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.

[cont...]