

# Safety Data Sheet

According to (EC) No. 1907/2006 and (EC) 453/2010

## Synteko SOAP 1617



Date 2013-08-27

Version 1

### SECTION 1: Identification of the substance/preparation and of the company/undertaking

<b>1.1 Product name</b>	Synteko SOAP 1617
<b>1.2 Use of the preparation</b>	Detergent
<b>Supplier</b>	Sika Estonia OÜ
<b>Address</b>	Valge 13, 11415 Tallinn, Estonia
<b>1.3 Telephone/Telefax</b>	Tel. +372 605 4000
<b>Web Page/E-mail</b>	www.synteko.com, info@ee.sika.com
<b>1.4 Emergency telephone</b>	Poison centre: +372 6269390, direct number 16662 Emergency telephone number: 112

### SECTION 2: Hazards identification

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

Classification (1999/45/EC): This product is not classified as flammable, harmful or dangerous for the environment.

#### 2.2 Label elements

**Symbol:** None

#### Substance name

Potassium hydroxide < 0,5 %

#### Risk phrases

-

#### Safety phrases

(S2) Keep out of the reach of children

#### 2.3 Other hazards

This product is not considered to contain any substances meeting the regulations of PBT- or vPvB classification.

#### Additional information

Ingredients according to Directive 648/2004/EC

< 5% amphoteric surfactant, 10-20 % tall oil fatty acid potassium soap, perfume.

### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical composition: Mixture

Components	CAS-No EC-No	Reg- No	Conc. %	Symbol R- phrases*	Hazard Class and Category Code(s)	Hazard statement Code(s)*
Tall oil fatty acid potassium soap	61790-44-1 263-136-1	-	10- 20	-	-	-
Potassium hydroxide	1310-58-3 215-181-3	-	< 0,5	Xn; R22 C; R35	Acute Tox. 4 Skin Corr. 1A	H302 H314
Perfume	-	-	< 1	-	-	-

\*The full text of Risk phrases and Hazard statement Codes are listed under heading 16.

The classification is based on information from the chemical supplier and www.ecb.europa.eu (databases).

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### Composition Comments

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

### Description of symbols abbreviations

T= Toxic; T+= Very toxic; C= Corrosive; Xn= Harmful; Xi= Irritant; O= Oxidizing; E= Explosive;  
F= Highly flammable; F+= Extremely flammable; N= Dangerous to the environment

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General Information

Never give fluids or induce vomiting if patient is unconscious. Keep person warm and calm. In all cases of doubt, or when symptoms persist, seek medical advice.

#### Inhalation

Supply fresh air.

#### Skin contact

Take off all contaminated clothing wash with water and rinse the skin thoroughly. Contact a doctor if the complaints persist.

#### Eye contact

Rinse immediately with water for at least 5 minutes. Hold eyelids apart. Contact a doctor if the complaints persist.

#### Ingestion

Rinse mouth with water and drink several glasses of water. Contact a doctor if the complaints persist.

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

<b>Inhalation:</b>	This product is not considered to be irritating if inhaled.
<b>Skin contact:</b>	May cause skin irritation.(redness, pain),
<b>Eye contact:</b>	May be irritating to eyes. (Burning, redness)
<b>Ingestion:</b>	May cause nausea and stomach pain.

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

No specific.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Foam, dry powder or carbon dioxide.

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

Do not breathe fumes. During fire, gases hazardous to health may be formed.

### 5.3 Advice for firefighters

Wear a self-contained breathing apparatus and protective clothing.

#### Additional information

Cool endangered containers with water in case of fire.

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### SECTION 6: Accidental release measures

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

Avoid contact with eyes.

#### 6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

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

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material. Absorb in vermiculite, dry sand or earth. Flush with water.

#### 6.4 Reference to other sections

For handling and storage, see section 7.

For personal protection, see section 8.

For disposal of spillage, see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with eyes.

Read instructions before use.

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

Store in tightly closed container in a cool place.

Minimum shelf life: 3 years from production date

#### 7.3 Specific end use(s)

No known.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Provide adequate ventilation

#### Exposure limits

Swedish limit values or limit values according to the European commission

Substance	CAS-No	Level limit value	Ceiling limit value	Short time value	Note
Potassium hydroxide - inhalable dust	1310-58-3	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-	-

#### 8.2 Exposure controls

##### General protective and hygiene measures

Wash hands before breaks and after work.

Handle in accordance with good industrial hygiene and safety practice.

##### Individual protection measures, such as personal protective equipment:

Always consult a competent person/supplier when selecting personal protective equipment.

##### Respiratory protection

Not required.

##### Eye protection

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Wear tightly fitting protective goggles if there is a risk of direct contact or splash.

### Hand protection

Use protective gloves made of rubber or PVC.

### Clothing requirements:

Wear suitable protective clothing.

## SECTION 9: Physical and chemical properties

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

Form:	Slightly viscous liquid
Colour:	Not available
Odour:	Fresh scent
Odor threshold:	Not available
pH-value:	About 9,5
Melting point/ Freezing point (°C):	Not available
Boiling point/range: (°C):	100
Flash point (°C):	Not available
Evaporation rate:	Not available

## SECTION 9: Physical and chemical properties (...)

Flammability (solid, gas):	Not available
Upper / lower flammability limits or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Relative density:	Not available
Density:	1040 kg/m <sup>3</sup>
Solubility in water:	Soluble
Solubility in organic solvents:	Insoluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (C):	Not available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Cloud points (° C):	Not available

### 9.2 Other information:

No specific.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage and handling conditions.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions.

### 10.3 Possibility of hazardous reactions

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Stable under recommended storage and handling conditions

### 10.4 Conditions to avoid

Stable under recommended storage and handling conditions

### 10.5 Incompatible materials

No known.

### 10.6 Hazardous decomposition products

No hazardous decompositions products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Information on toxicological effects see section 4. (Most important symptoms and effects, both acute and delayed)

#### Toxicity

Information about this preparation is not available.

#### Toxicology data for the containing components:

##### Potassium hydroxide (1310-58-3)

LD<sub>50</sub> Oral rat: 365 mg/kg bodyweight

#### Effects of chronic exposure

No known.

#### Routes of exposure:

Eyes and skin ,ingestion, inhalation.

#### Allergenic potential

The product is not classified as allergenic by inhalation or skin contact.

## SECTION 11: Toxicological information (...)

### Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

#### Other information

None

## SECTION 12: Ecological information

This product is not classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

### 12.1 Toxicity

Information about this preparation is not available.

#### Toxicology data for the containing components

##### Tall oil fatty acid potassium soap (61790-44-1)

The toxicity of soap generally decreases with increasing hardness of the water.

##### Potassium hydroxide (1310-58-3)

LC<sub>50</sub> Fish 96h: 80-85 mg/l Sp: Gambusia affinis

### 12.2 Persistence and degradability

No data

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### 12.3 Bioaccumulative potential

No data

### 12.4 Mobility in soil

Soluble in water.

### 12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

### 12.6 Other adverse effects

No known.

### Other information

Not available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods:

Dispose of in accordance with local authority requirements.

Not a hazardous waste.

Suggested EWC-code: -

### Disposal of Packaging:

Empty and cleaned packaging can be recycled.

## SECTION 14: Transport information

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR.

### 14.1 UN number

-

### 14.2 Proper shipping name (IMDG,IATA/ICAO)

-

### 14.3 Transport hazard class(es)

-

## SECTION 14: Transport information (...)

### Class

-

### 14.4 Packing group

-

### 14.5 Environmental hazards

Marine pollutant: No

### 14.6 Special precautions for user

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### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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## SECTION 15: Regulatory information

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

Classification according to (67/548/EEC, 1999/45/EC).

### 15.2 Chemical safety assessment

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No conducted.

### SECTION 16: Other information

#### The full text of Risk phrases and Hazard statement Codes listed under heading 3

R22 Harmful if swallowed

R35 Causes severe burns

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

**Version 1:** 2013-07-29 Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 453/2010

#### Explanation of abbreviations

BCF: Bio Concentration Factor.

CAS-nr: Chemical Abstracts Service number

EC<sub>50</sub>: Effect Concentration

IMDG: International Maritime Dangerous Goods Code.

LC<sub>50</sub>: Lethal Concentration

LD<sub>50</sub>: Lethal Dose

NOEC: No Observed Effect Concentration

PBT- substances: Persistent, Bio accumulative and Toxic substances.

vPvB- substances; Very persistent and Very Bio accumulative substances.