

SONETT GmbH  
88693 Deggenhausen

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

### 1.1 Product identifier

**SONETT Liquid Gall Soap**

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

#### 1.2.1 Relevant uses

Cleaning agent

#### 1.2.2 Uses advised against

None known.

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

**Company** SONETT GmbH  
Ziegeleiweg 5  
88693 Deggenhausen / GERMANY  
Phone +49 (0)7555-9295-0  
Fax +49 (0)7555-9295-18  
Homepage www.sonett.eu  
E-mail info@sonett.eu

#### Address enquiries to

**Technical information** info@sonett.eu  
**Safety Data Sheet** sdb@chemiebuero.de

### 1.4 Emergency telephone number

**Company** +49 (0)7555-9295-0 Mo-Fr 8:00 - 17:00

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

No classification.

### 2.2 Label elements

The product is required to be labelled in accordance with GHS/CLP-Directives.

**Hazard pictograms** none

**Hazard statements** none

**Special labelling** EUH210 Safety data sheet available on request.

Contains: Orange oil terpenes. EUH208 May produce an allergic reaction.

**Cleaner, 648/2004/CE, contains:** 5 - <15% non-ionic surfactants  
< 5% soap  
fragrances d-LIMONENE  
fragrances LINALOOL  
fragrances GERANIOL  
fragrances

### 2.3 Other hazards

**Human health dangers** Frequent persistent contact with the skin can cause skin irritation.

**Environmental hazards** Does not contain any PBT or vPvB substances.

**Other hazards** none

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### SECTION 3: Composition / Information on ingredients

#### Product-type:

The product is a mixture.

Range [%]	Substance
1 - <10	Ethanol
	CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, Reg-No.: 01-2119457610-43-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319
1 - <5	Fatty acids, vegetable-oil, potassium salts
	CAS: 61788-65-6, EINECS/ELINCS: 262-993-9
	GHS/CLP: Eye Irrit. 2: H319
1 - <5	Alcylpolyglycoside
	CAS: 110615-47-9, Reg-No.: 01-2119489418-23-XXXX
	GHS/CLP: Eye Dam. 1: H318 - Skin Irrit. 2: H315
1 - <5	D-Glucopyranose, oligomers, decyl octyl glycosides
	CAS: 68515-73-1, EINECS/ELINCS: 500-220-1, Reg-No.: 01-2119488530-36-XXXX
	GHS/CLP: Eye Dam. 1: H318
0,1 - <0,25	Orange oil terpenes
	CAS: 68647-72-3, EU-INDEX: 601-029-00-7
	GHS/CLP: Flam. Liq. 3: H226 - Asp. Tox. 1: H304 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Aquatic Chronic 1: H410

#### Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.  
 For full text of H-statements: see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>General information</b>	Take off contaminated clothing and wash before reuse.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
<b>Skin contact</b>	In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Supply with medical care. Rinse out mouth and give plenty of water to drink. Do not induce vomiting.

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

Irritant effects  
 Allergic reactions

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

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Foam, dry powder, water spray jet, carbon dioxide.
<b>Extinguishing media that must not be used</b>	Full water jet.

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

In the event of fire the following can be released:  
 Carbon monoxide (CO)

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### 5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## SECTION 6: Accidental release measures

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

High risk of slipping due to leakage/spillage of product.  
Forms slippery surfaces with water.

### 6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not discharge into the drains/surface waters/groundwater.  
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

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

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).  
Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures necessary if used correctly.

Do not eat, drink, smoke or take drugs at work.  
Wash hands before breaks and after work.  
Use barrier skin cream.

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

Keep only in original container.  
Prevent penetration into the ground.  
Do not store together with food and animal food/diet.  
Keep container in a well-ventilated place.  
Keep container tightly closed.  
Keep away from frost.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

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**SECTION 8: Exposure controls / personal protection****8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

Range [%]	Substance
1 - <10	Ethanol
	CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5, Reg-No.: 01-2119457610-43-XXXX
	Long-term exposure: 1000 ppm, 1920 mg/m <sup>3</sup>

**DNEL**

Range [%]	Substance
1 - <5	Alcylpolyglycoside, CAS: 110615-47-9
	Industrial, dermal, Long-term - systemic effects: 595000 mg/kg.
	Industrial, inhalative, Long-term - systemic effects: 420 mg/m <sup>3</sup> .
	general population, oral, Long-term - systemic effects: 35,7 mg/kg.
	general population, dermal, Long-term - systemic effects: 357000 mg/kg.
	general population, inhalative, Long-term - systemic effects: 124 mg/m <sup>3</sup> .
1 - <5	D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
	worker, dermal, Long-term - systemic effects: 595 000 mg/kg bw/d.
	worker, inhalative, Long-term - systemic effects: 420 mg/m <sup>3</sup> .
	general population, oral, Long-term - systemic effects: 35,7 mg/kg bw/d.
	general population, dermal, Long-term - systemic effects: 357 000 mg/kg bw/d.
	general population, inhalative, Long-term - systemic effects: 124 mg/m <sup>3</sup> .
1 - <10	Ethanol, CAS: 64-17-5
	Industrial, dermal, Long-term - systemic effects: 343 mg/kg bw/d.
	Industrial, inhalative, Acute - local effects: 1900 mg/m <sup>3</sup> .
	Industrial, inhalative, Long-term - systemic effects: 950 mg/m <sup>3</sup> .
	general population, dermal, Long-term - systemic effects: 206 mg/kg bw/d.
	general population, oral, Long-term - systemic effects: 87 mg/kg bw/d.
	general population, inhalative, Long-term - systemic effects: 114 mg/m <sup>3</sup> .
	general population, inhalative, Acute - local effects: 950 mg/m <sup>3</sup> .

**PNEC**

Range [%]	Substance
1 - <5	Alcylpolyglycoside, CAS: 110615-47-9
	sediment (freshwater), 0,487 mg/kg.
	freshwater, 0,1 mg/l.
	sewage treatment plants (STP), 5000 mg/l.
	sediment (seaater), 0,048 mg/kg.
	soil, 0,654 mg/kg.
	seawater, 0,005 mg/l.
1 - <5	D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
	freshwater, 0,1 mg/l.
	oral (food), 111,11 mg/kg food.
	soil, 0,654 mg/kg dw.
	sediment (seaater), 0,0487 mg/kg dw.
	sediment (freshwater), 0,487 mg/kg dw.
	seawater, 0,01 mg/l.
1 - <10	Ethanol, CAS: 64-17-5

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freshwater, 0,96 mg/l.
seawater, 0,79 mg/l.
oral (food), 0,72 mg/kg.
sediment (freshwater), 3,6 mg/kg.
soil, 0,63 mg/kg.

## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	Safety glasses.
<b>Hand protection</b>	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	Not required under normal conditions.
<b>Other</b>	Do not inhale vapours. Avoid contact with eyes and skin.
<b>Respiratory protection</b>	Not required under normal conditions.
<b>Thermal hazards</b>	not determined
<b>Delimitation and monitoring of the environmental exposition</b>	Protect the environment by applying appropriate control measures to prevent or limit emissions.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form</b>	liquid
<b>Color</b>	orange
<b>Odor</b>	characteristic
<b>Odour threshold</b>	not determined
<b>pH-value</b>	8 - 9 (5 g/l)
<b>pH-value [1%]</b>	not determined
<b>Boiling point [°C]</b>	not determined
<b>Flash point [°C]</b>	not applicable
<b>Flammability (solid, gas) [°C]</b>	not applicable
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidizing properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	not determined
<b>Density [g/ml]</b>	1,01
<b>Bulk density [kg/m<sup>3</sup>]</b>	not applicable
<b>Solubility in water</b>	miscible
<b>Partition coefficient [n-octanol/water]</b>	not determined
<b>Viscosity</b>	not applicable
<b>Relative vapour density determined in air</b>	not determined
<b>Evaporation speed</b>	not determined
<b>Melting point [°C]</b>	not determined
<b>Autoignition temperature [°C]</b>	not determined
<b>Decomposition temperature [°C]</b>	not applicable

### 9.2 Other information

none

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No dangerous reactions known if used as directed.

### **10.2 Chemical stability**

The product is stable under standard conditions.

### **10.3 Possibility of hazardous reactions**

Reactions with acids and strong oxidizing agents.

### **10.4 Conditions to avoid**

See SECTION 7

### **10.5 Incompatible materials**

Strong oxidizing agent.

### **10.6 Hazardous decomposition products**

No hazardous decomposition products known.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Range [%]	Substance
1 - <5	Alcylpolyglycoside, CAS: 110615-47-9
	LD50, dermal, Rabbit: > 2000 mg/kg (OECD 402).
	LD50, oral, Rat: > 2000 mg/kg (84/449/EEC B1).
1 - <5	D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
	LD50, dermal, > 2000 mg/kg.
	LD50, oral, > 2000 mg/kg.
	NOAEL, oral, 1000 mg/kg bw/d.
1 - <10	Ethanol, CAS: 64-17-5
	LD50, dermal, Rabbit: > 2000 mg/kg (OECD 402).
	LD50, oral, Rat: 10470 mg/kg (OECD 401).
	LC50, inhalative, Rat: 117-125 mg/l/4h (OECD 403).
	NOAEL, Rat: > 3000 mg/kg/d (24 month OECD 451).
0,1 - <0,25	Orange oil terpenes, CAS: 68647-72-3
	oral, mouse: TD10(repr.): 3546-14178 mg/kg, 7-9 d (RTEC).
	oral, mouse: TD10(carc.): 67 g/kg, 39 wk (RTECS).
	LD50, dermal, Rabbit: > 5000 mg/kg.
	LD50, oral, Rat: 4400-5100 mg/kg.
	LD50, oral, mouse: 3500 mg/kg (RIFMU, SLR).

**Serious eye damage/irritation** not determined

**Skin corrosion/irritation** not determined

**Respiratory or skin sensitisation** not determined

**Specific target organ toxicity — single exposure** not determined

**Specific target organ toxicity — repeated exposure** not determined

**Mutagenicity** There is no evidence of any mutagenic effects.

**Reproduction toxicity** There is no evidence of any reproductive toxicity effects.

**Carcinogenicity** There is no evidence of any carcinogenic effects.

**General remarks** Alkylpolyglycoside does not require a hazard warning label in quantities < 12,5% active substance.  
No classification on the basis of toxicological studies according to the TGM-model of the IKS or A.I.S.E. model.  
Toxicological data of complete product are not available.  
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

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## SECTION 12: Ecological information

### 12.1 Toxicity

Range [%]	Substance
1 - <5	D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
	EC50, (96h), Danio rerio: 100 - 126 mg/l.
	EC50, (48h), Daphnia magna: > 100 mg/l.
	EC50, (72h), Desmodesmus subspicatus: 27 - 37 mg/l.
1 - <10	Ethanol, CAS: 64-17-5
	LC50, (96h), Oncorhynchus mykiss: 13000 mg/l (OECD 203).
	LC50, (48h), Daphnia magna: 12340 mg/l.
	EC50, (72h), Algae: 275 mg/l (OECD 201).
	EC50, (48h), Selenastrum capricornutum: 12900 mg/l (OECD 201).
0,1 - <0,25	Orange oil terpenes, CAS: 68647-72-3
	LC50, (96h), fish: <=1 mg/l.
	EC50, (72h), Algae: <=1 mg/l.
	EC0, (48h), Daphnia magna: <=1 mg/l.

### 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	The product can cause foaming in sewage treatment plants.
<b>Biological degradability</b>	Soaps and surfactants are readily biodegradable according to OECD criteria. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Other adverse effects

Ecological data of complete product are not available.  
The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.



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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

##### Product

Coordinate disposal with the authorities if necessary.

##### Waste no. (recommended)

200130 detergents other than those mentioned in 20 01 29

##### Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

##### Waste no. (recommended)

150102

### SECTION 14: Transport information

#### 14.1 UN number

See SECTION 14.2 in accordance with UN shipping name

#### 14.2 UN proper shipping name

##### Transport by land according to ADR/RID

NO DANGEROUS GOODS

##### Inland navigation (ADN)

NO DANGEROUS GOODS

##### Marine transport in accordance with IMDG

NOT CLASSIFIED AS "DANGEROUS GOODS"

##### Air transport in accordance with IATA

NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 14.3 Transport hazard class(es)

See SECTION 14.2 in accordance with UN shipping name

#### 14.4 Packing group

See SECTION 14.2 in accordance with UN shipping name

#### 14.5 Environmental hazards

See SECTION 14.2 in accordance with UN shipping name

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not applicable

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>EEC-REGULATIONS</b>	1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC; (EU) 2015/830
<b>TRANSPORT-REGULATIONS</b>	DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015).
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4
- Observe employment restrictions for people	none
- VOC (1999/13/CE)	8 %

**15.2 Chemical safety assessment**

not applicable

**SECTION 16: Other information****16.1 Hazard statements (SECTION 3)**

H410 Very toxic to aquatic life with long lasting effects.  
 H317 May cause an allergic skin reaction.  
 H304 May be fatal if swallowed and enters airways.  
 H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H225 Highly flammable liquid and vapour.

**16.2 Abbreviations and acronyms:**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 CAS = Chemical Abstracts Service  
 CLP = Classification, Labelling and Packaging  
 DMEL = Derived Minimum Effect Level  
 DNEL = Derived No Effect Level  
 EC50 = Median effective concentration  
 ECB = European Chemicals Bureau  
 EEC = European Economic Community  
 EINECS = European Inventory of Existing Commercial Chemical Substances  
 ELINCS = European List of Notified Chemical Substances  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 IC50 = Inhibition concentration, 50%  
 IMDG = International Maritime Code for Dangerous Goods  
 IUCLID = International Uniform Chemical Information Database  
 LC50 = Lethal concentration, 50%  
 LD50 = Median lethal dose  
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
 PBT = Persistent, Bioaccumulative and Toxic substance  
 PNEC = Predicted No-Effect Concentration  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 TLV@TWA = Threshold limit value – time-weighted average  
 TLV@STEL = Threshold limit value – short-time exposure limit  
 VOC = Volatile Organic Compounds  
 vPvB = very Persistent and very Bioaccumulative

**16.3 Other information****Classification procedure**

<b>Modified position</b>	none
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