

# EC safety data sheet

pursuant to Regulation No. 1907/2006



## PALACE LIQ

Creation date: 09.07.2019  
Revision date: 27. März 2020

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### Section 1: Identification of the substance or mixture and of the company

#### 1.1 Product identifier

PALACE LIQ

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

##### Use of the substance/mixture

Cleaner for natural stones, painted surfaces and plastics

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

Company name: Arcora International GmbH  
Street: Marsstraße 9  
Place: 85609 Aschheim bei München  
Deutschland  
Phone: +49 (0)89 / 14 33 29 3-0  
Fax: +49 (0)89 / 14 33 29 3-29  
e-mail: info@arcora.de

1.4 Emergency number + 49 (0) 89 / 14 33 29 3-10

### Section 2: Potential risks

#### 2.1 Classification of the substance or mixture

Hazard categories:  
Severe eye damage/eye irritation: Eye damage 1  
Hazardous to waters: Aqu. chron. 3  
Danger warnings:  
Causes severe eye damage.  
Harmful to aquatic organisms, with long-term effects.

#### 2.2 Marking elements

Signal word: Danger  
Pictographs:



#### Danger warnings

Causes severe eye damage.  
Harmful to aquatic organisms, with long-term effects.

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### Safety Instructions

Avoid release into the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IN CASE OF CONTACT WITH EYES: Gently rinse with water for a few minutes. Remove any contact lenses if possible. Continue rinsing.

Immediately call a POISON CENTER/Medical service.

Add contents/container to hazardous material collection.

### Note on labelling

Classification according to Regulation (EC) No 1272/2008 [CLP]

### 2.3 Other risks

There is no information available.

## Section 3: Composition/information on ingredients

### 3.1 Mixtures

#### Chemical characterization

Aqueous dispersion of surfactants

#### Dangerous ingredients

CAS-No.	Description	Proportion
EG-No.		
Index-No.	Classification according to Regulation (EC) No 1272/2008 CLP].	
REACH-No.		
68603-42-9	Amides, coco, N,N-bis (hydroxyethyl)	
271-657-0		5 - < 10 %
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411	
01-2119490100-53		
111-42-2	2,2'-Iminodiethanol (vgl. Diethanolamin)	
203-868-0		0,1 - < 1 %
603-071-00-1	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT RE 2; H302 H315 H318 H373	
01-2119488930-28		
5413-60-5	3a,4,5,6,7,7a-Hexahydro-1H-4,7-Methanoinden-6-yl acetate	
259-367-2		< 0,1 %
	Aquatic Chronic 3; H412	
01-2119934491-39		

Wording of H and EUH rates: see section 16.

### Labelling of ingredients according to Regulation (EC) No. 648/2004

5 % - 15 % non-ionic surfactants, fragrances (Cital, Limonene, Linalool), preservatives (METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE).

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### Section 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Remove contaminated, soaked clothing immediately. Wash soiled clothing before reuse.

##### After inhalation

Get some fresh air.

##### After skin contact

Wash off immediately with plenty of water. Consult a doctor if symptoms persist.  
After eye contact

##### After eye contact

Rinse immediately with plenty of water for at least 15 minutes, also under the eyelids. Consult a doctor if symptoms persist.

##### After swallowing

Rinse mouth immediately and drink plenty of water. Consult a doctor if symptoms persist.

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

There is no information available.

#### 4.3 Indications of immediate medical help or special treatment

Symptomatic treatment.

### Section 5: Fire fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

Water spray jet  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Extinguishing powder

##### Unsuitable extinguishing media

Full water jet

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

No dangerous reactions are known.

#### 5.3 Instructions for fire fighting

Adapt extinguishing measures to the environment.

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### Section 6: Accidental release measures

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

Use personal protective equipment.

#### 6.2 Environmental protection measures

Do not allow to enter surface water or sewage system.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders)

#### 6.4 Reference to other sections

See chapter 8, see chapter 7, no further measures are required.

### Section 7: Handling and storage

#### 7.1 Safety measures for safe handling

##### Notes on safe handling:

The usual precautionary measures for handling chemicals must be observed.

#### 7.2 Conditions for safe storage taking into account incompatibilities

##### Requirements for storage rooms and containers

Protect from frost, heat and sunlight.

Storage class in accordance with TRGS 510: 12 (Non-flammable liquids that are not assigned to any of the above-mentioned LGK) Storage class in accordance with TRGS 510:

#### 7.3 Specific end uses

There is no information available.

### Section 8: Exposure controls/personal protection

#### 8.1 Parameters to be monitored

##### Occupational exposure limits (TRGS 900)

CAS-No.	Designation	ppm	mg/m <sup>3</sup>	F/m <sup>3</sup>	top limit	Species
5989-27-5	(R)-p-Mentha-1,8-dien (D-Limonen)	5	28		4(II)	

#### 8.2 Exposure controls and monitoring

##### Protection and hygiene measures

Avoid contact with skin, eyes and clothing. Observe the usual precautionary measures when handling chemicals. Keep away from food and beverages.

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### Eye/face protection

Wear protective goggles/face shield.

### Hand protection

Wear suitable protective gloves. Suitable materials: PVC, nitrile (rubber)

### Body protection

Wear suitable protective clothing.

### Respiratory protection

Normally no personal respiratory protection necessary.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical characteristics

State of aggregation: liquid  
Colour: yellow  
Odour: lemon

pH value (at 20 °C): 7-9

Prüfnorm

### Condition change:

Initial boiling point and boiling range: 100 °C  
Flash point: > 100  
ignition temperature: 500 °C  
Vapour pressure (at 20 °C): 18 hPa  
Density: 1,0-1,1 g/cm<sup>3</sup>

### 9.2 Other information

No information available.

## Section 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of dangerous reactions

No dangerous reactions occur when handled and stored as intended.

### 10.4 Conditions to be avoided

Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Incompatible with strong acids and oxidizing agents.

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### 10.6 Hazardous decomposition products

No decomposition when used as intended.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

No information on acute dermal and inhalation toxicity available.

CAS-No.	Designation				
	Exposure routes	Method	Dose	Species	Source
68603-42-9	Amides, coco, N, N-bis (hydroxyethyl)				
	oral	LD50	>2000 mg/kg	Rat	OECD 401
	dermal	LD50	> 2000 mg/kg	Rabbit	limit test
111-42-2	2,2'-Iminodiethanol (vgl. Diethanolamin)				
	oral	LD50	676 mg/kg	Rat	
	dermal	LD50	8328 mg/kg	Rabbit	

## Section 12: Environmental information

### 12.1 Toxicity

Information on the mixture: No information available.

CAS-Nr.	Designation					
	Exposure routes	Method	Dose	[h]   [d]	Species	Source
68603-42-9	Amides, coco, N,N-bis (hydroxyethyl)					
	Acute fish toxicity	LC50	2,4 mg/l	96 h	Oncorhynchus mykiss (rainbow trout)	OECD 203
	Acute algal toxicity	ErC50	7,4 mg/l		Desmodesmus subspicatus	OECD 201
	Acute crustacean toxicity	EC50	3,2 mg/l	48 h	Daphnia magna (Large water flea)	OECD 202
	Acute bacterial toxicity		(6000 mg/l)		Pseudomonas sp.	16 h, DIN 38412 TB
111-42-2	2,2'-Iminodiethanol (vgl. Diethanolamin)					
	Acute fish toxicity	LC50	1200 - 1580 mg/l	96 h	Pimephales promelas	
	Acute algal toxicity	ErC50	75 mg/l	72 h	Scenedesmus sp.	
	Acute crustacean toxicity	EC50	110 mg/l	48 h	Daphnia magna	

### 12.2 Persistence and degradability

Information on the mixture: No information available.

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

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## 12.4 Mobility in soil

There is no information available.

## 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

## 12.6 Other adverse effects

There is no information available.

## Section 13: Notes on disposal

### 13.1 Waste treatment processes

#### Recommendation

According to the European Waste Catalogue (EWC), waste code numbers are not product-related but application-related. Waste code numbers should be issued by the consumer, if possible in consultation with the waste disposal authorities. Dispose of in accordance with the official regulations.

#### Waste code product

070101 Wastes from organic chemical processes; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; aqueous washing liquids and mother liquors Classified as hazardous waste

#### Waste code Product residues

070101 Wastes from organic chemical processes; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; aqueous washing liquids and mother liquors Classified as hazardous waste

#### Waste code uncleaned packaging

200139 Municipal waste (household and similar commercial, industrial and institutional wastes), including separately collected fractions; separately collected fractions (except 15 01); plastics

#### Disposal of uncleaned packaging and recommended cleaning agents

Contaminated packaging must be emptied completely and can be reused after appropriate cleaning.

## Abschnitt 14: Angaben zum Transport

### Land transport (ADR/RID)

#### Other relevant information on land transport

Not a hazardous material in the sense of the transport regulations

### Inland waterway transport (ADN)

#### Other relevant information on land transport

Not a hazardous material in the sense of the transport regulations



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### Other relevant information on land transport

Not a hazardous material in the sense of the transport regulations

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Not a hazardous material in the sense of the transport regulations

Hazardous to the environment: no

Safe handling: see section 7

Not applicable.

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

## EU legislation

## Additional notes

The product is classified and labelled according to Directive 1999/45/EC. Labelling according to Regulation (EC) No 1272/2008 [CLP].

## National regulations

Water hazard class: 1 - slightly hazardous to water

Status: WGK self-classification

## 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture have not been carried out.



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### Wording of H and EUH phrases (number and full text)

Flammable liquid and steam.  
Harmful if swallowed.  
May be fatal if swallowed and enters the respiratory system.  
Causes skin irritation.  
Causes slight skin irritation.  
May cause allergic skin reactions.  
Causes severe eye damage.  
Causes severe eye irritation.  
May cause damage to organs by prolonged or repeated exposure.  
Very toxic to aquatic organisms with long-term effects.  
Toxic to aquatic organisms, with long-term effects.  
Harmful to aquatic organisms, with long-term effects.  
Translated with [www.DeepL.com/Translator](http://www.DeepL.com/Translator) (free version).

This safety data sheet contains only safety-relevant information and does not replace product information or product specification. Existing laws and regulations must be observed by the recipient of our products on his own responsibility.