

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006

## Permanon yacht cleanser

Product code: 2500

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

**Product identifier** [Permanon yacht cleanser](#)

**Relevant identified uses of the substance or mixture and uses advised against**

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

Company name:	Permanon GmbH	
Street:	Winterstetten 53	
Place:	D-88299 Leutkirch	
Telephone:	+49(0)7567/1563	Telefax: +49(0)7567/1031
e-mail:	<a href="mailto:info@permanon.de">info@permanon.de</a>	
Contact person:	S. Krücken	Telephone: +49(0)7567/1563

**Emergency telephone:** +49(0)7567/1033

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

Indications of danger : Irritant  
 R-phrases:  
 Risk of serious damage to eyes.

#### Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

#### **R phrases**

41 Risk of serious damage to eyes.

#### **S phrases**

02 Keep out of the reach of children.  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 39 Wear eye/face protection.  
 46 If swallowed, seek medical advice immediately and show this container or label.

### SECTION 3: Composition/information on ingredients

#### Mixtures

#### **Hazardous components**

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
263-058-8	cocoamidopropyl betaine	15 - 20 %
61789-40-0	Xi R41	
	Eye Dam. 1; H318	
	alkyl polyethylene glycol ether	1 - 5 %
	Xn R22-41	

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204-528-4 Acute Tox. 4, Eye Dam. 1; H302 H318  
 122-20-3 1,1',1"-nitriлотripropan-2-ol, triisopropanolamine  
 603-097-00-3 Xi R36-52-53  
 Eye Irrit. 2, Aquatic Chronic 3; H319 H412

1 - 5 %

Full text of R- and H-phrases: see section 16.

## SECTION 4: First aid measures

### Description of first aid measures

#### General information

Take off contaminated clothing and shoes immediately.

#### After inhalation

Move to fresh air. If symptoms persist, call a physician.

#### After contact with skin

Wash off immediately with plenty of water.  
 If symptoms persist, call a physician.

#### After contact with eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### After ingestion

Rinse mouth.  
 If swallowed, seek medical advice immediately and show this container or label.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 water spray, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam , dry chemical  
 The product itself does not burn.

### Special hazards arising from the substance or mixture

Heating or fire can release toxic gas. nitrogen oxides (NO<sub>x</sub>) Carbon oxides

### Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.  
 Special protective equipment for fire-fighters

### Additional information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.  
 High risk of slipping due to leakage/spillage of product.

### Environmental precautions

Do not flush into surface water or sanitary sewer system.

### Methods and material for containment and cleaning up

Clean-up methods - small spillage Dilute with plenty of water.

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Clean-up methods - large spillage Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Treat recovered material as described in the section "Disposal considerations".

## SECTION 7: Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Avoid formation of aerosol.  
Avoid contact with skin, eyes and clothing.  
Keep container tightly closed.

#### Advice on protection against fire and explosion

The product itself does not burn.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store in original container.

#### Advice on storage compatibility

Keep away from food and drink.

#### Further information on storage conditions

Protect from frost, heat and sunlight.

## SECTION 8: Exposure controls/personal protection

### Control parameters

### Exposure controls

#### Protective and hygiene measures

Avoid contact with the skin and the eyes.  
Remove and wash contaminated clothing before re-use.  
Wash hands before breaks and at the end of workday.

#### Respiratory protection

Breathing apparatus needed only when aerosol or mist is formed.  
Half mask with a particle filter P2 (EN 143).

#### Hand protection

As the product is a preparation of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.

Polychloropren - CR (0,5 mm)  
Nitrilkautschuk/Nitrillatex - NBR (0,35 mm)  
Butylkautschuk - Butyl (0,5 mm)  
Fluorkautschuk - FKM (0,4 mm)  
Polyvinylchlorid - PVC (0,5 mm)

#### Eye protection

safety glasses with side-shields

#### Skin protection

long sleeved clothing

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

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Physical state: liquid  
 Colour: fluorescent yellow  
 Odour: pleasant

### Test method

pH-Value (at 20 °C): Conc. 100 % 8,9± 0,2

#### Changes in the physical state

Melting point: not determined  
 Boiling point: not determined  
 Flash point: not applicable

#### Explosive properties

Not explosive

Ignition temperature: not applicable

#### Oxidizing properties

Not applicable.

Density (at 20 °C): 1,0g/cm<sup>3</sup> kg/ m<sup>3</sup>

## SECTION 10: Stability and reactivity

### Reactivity

No dangerous reaction known under conditions of normal use.

### Chemical stability

No decomposition if used as directed.

### Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

CAS No.	Chemical name	Exposure routes	Method	Dose	Species	h
61789-40-0	cocoamidopropyl betaine	Acute oral toxicity	LD50	> 2000 mg/kg	Ratte	
		alkyl polyethylene glycol ether	Acute oral toxicity	LD50	300- 2000 mg/kg	Ratte
122-20-3	1,1',1''-nitrilotripropan-2-ol, triisopropanolamine	Acute oral toxicity	LD50	4000 mg/kg	Ratte	
		Acute dermal toxicity	LD50	10000 mg/kg	Kaninchen	

#### Irritation and corrosivity

Severe eye irritation. Risk of serious damage to eyes.

## SECTION 12: Ecological information

### Toxicity

CAS No.	Chemical name
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	Aquatic toxicity	Method	Dose	Species	h
61789-40-0	cocoamidopropyl betaine				
	Acute fish toxicity	LC50	1-10 mg/l	Cyprinus carpio	96
	Acute algae toxicity	ErC50	1-10 mg/l	scenedesmus subspicatus	72
	Acute crustacea toxicity	EC50	1-10 mg/l	Daphnia magna	48
	alkyl polyethylene glycol ether				
	Acute fish toxicity	LC50	10- 100 mg/l	Brachydanio rerio	96
	Acute algae toxicity	ErC50	10- 100 mg/l	Scenedesmus subspicatus	72
	Acute crustacea toxicity	EC50	10- 100 mg/l	Daphnia magna	48
122-20-3	1,1',1''-nitriлотripropan-2-ol, triisopropanolamine				
	Acute fish toxicity	LC50	3158 mg/l	Leuciscus idus	96
	Acute algae toxicity	ErC50	> 100 mg/l	Scenedesmus subspicatus	72
	Acute crustacea toxicity	EC50	> 500 mg/l	Daphnia magna	48

### Persistence and degradability

Contained tenside is more than 90% biodegradable.

## SECTION 13: Disposal considerations

### Waste treatment methods

#### Advice on disposal

In accordance with local and national regulations.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

#### Contaminated packaging

water.

Completely emptied packages may be recycled.

Dipose of packages that cannot be cleaned.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

Not classified as dangerous in the meaning of transport regulations.

### Marine transport

#### Other applicable information (marine transport)

Not classified as dangerous in the meaning of transport regulations.

### Air transport

#### Other applicable information (air transport)

Not classified as dangerous in the meaning of transport regulations.

## SECTION 15: Regulatory information

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

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

## SECTION 16: Other information

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**Full text of R-phrases referred to under sections 2 and 3**

- 22 Harmful if swallowed.
- 36 Irritating to eyes.
- 41 Risk of serious damage to eyes.
- 52 Harmful to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.

**Full text of H-Statements referred to under sections 2 and 3**

- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*