



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

# Permanon pool & spa supershine

Product code: 2439

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

#### Product identifier

**Permanon pool & spa supershine**

#### 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

This mixture is not classified as dangerous according to Directive 1999/45/EC.

#### **GHS classification**

This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

#### Label elements

### 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	1 - 5 %
61789-40-0	Xi R41	
	Eye Dam. 1; H318	

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

### SECTION 4: First aid measures

#### Description of first aid measures

##### **General information**

Remove from exposure, lie down.

##### **After inhalation**

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

##### **After contact with skin**

Wash off with: Water.

##### **After contact with eyes**

Immediately flush eye(s) with plenty of water.



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### After ingestion

Rinse mouth.  
If swallowed, do not induce vomiting - seek medical advice.

### 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.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.  
Avoid contact with skin, eyes and clothing.

### Environmental precautions

Do not flush into surface water.

### Methods and material for containment and cleaning up

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

After cleaning, flush away traces with water.

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 contact with skin and eyes.  
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.



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### SECTION 8: Exposure controls/personal protection

#### Control parameters

#### Exposure controls

##### **Protective and hygiene measures**

Avoid contact with the skin and the eyes.

Wash hands before breaks and at the end of workday.

##### **Respiratory protection**

Breathing apparatus needed only when aerosol or mist is formed.

##### **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.

Polyvinylchlorid - PVC (0,5 mm)

##### **Eye protection**

If splashes are likely to occur, wear:

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state:	liquid
Colour:	milky
Odour:	pleasant

#### **Test method**

pH-Value (at 20°C): 1% 7,0

##### **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.



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### 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	

##### Irritation and corrosivity

Skin irritation: None known.

Eye irritation: None known.

### SECTION 12: Ecological information

#### Toxicity

CAS No.	Chemical name	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

#### 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



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### 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

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

41 Risk of serious damage to eyes.

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

H318 Causes serious eye damage.

### 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.)*