

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006

## Permanon Universal cleaning Paste

Product code: 2440

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

#### Product identifier

**Permanon Universal cleaning Paste**

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

##### Use of the substance/mixture

cleaning agent

#### 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:	H. 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:

Irritating to eyes.

##### GHS classification

Hazard Statements:

Causes serious eye irritation.

#### Label elements

Signal word: Warning

Pictograms: GHS07



#### Hazard statements

H319 Causes serious eye irritation.

#### Precautionary statements

P308+P313 IF exposed or concerned: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P260 Do not breathe dust .

P102 Keep out of reach of children.

### SECTION 3: Composition/information on ingredients

#### Mixtures

##### Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	

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REACH No.		
205-582-1	lauric acid	3 - 10 %
143-07-7	Xi R36 Eye Irrit. 2; H319	
263-058-8	cocoamidopropyl betaine	1 - 5 %
61789-40-0	Xi R41 Eye Dam. 1; H318 fatty alcohol ethoxylates Xn, Xi R22-41 Acute Tox. 4, Eye Dam. 1; H302 H318	1 - 5 %

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

### Further Information

Regulation EC (No 648/2004):  
30% and more phosphates  
less than 5% amphoteric surfactants  
less than 5% non-ionic surfactants

## 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

Take off all contaminated clothing immediately.  
Wash off immediately with plenty of water.  
If symptoms persist, call a physician.

#### After contact with eyes

Immediately flush eye(s) with plenty of water.

#### 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, oxides of phosphorus.

### Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

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

Use personal protective equipment.  
Avoid contact with skin, eyes and clothing.  
Forms slippery/greasy layers with water.

#### 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.  
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).  
Use mechanical handling equipment.  
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 at room temperature in the original container.

##### **Advice on storage compatibility**

Keep away from food and drink.

##### **Further information on storage conditions**

Protect from frost, heat and sunlight.  
Minimum storage temperature: 7°C

### 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.  
When using do not eat or drink.

##### **Respiratory protection**

No personal respiratory protective equipment normally required.  
Breathing apparatus only if aerosol or dust is formed.  
Half mask with a particle filter P2 (EN 143).

##### **Hand protection**

Not required.

Prolonged exposure: gloves.

Butylkautschuk - Butyl (0,5 mm)

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

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material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.

### Eye protection

safety glasses with side-shields conforming to EN166

### Skin protection

long sleeved clothing

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: paste  
Colour: white  
Odour: characteristic

### Test method

pH-Value (at 20 °C): 8

### 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): approx. 1,03 g/cm<sup>3</sup>  
Water solubility: completely miscible  
(at 20 °C)

## 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.

### Conditions to avoid

See also section 7

### Incompatible materials

No dangerous reaction known under conditions of normal use.

### Hazardous decomposition products

No decomposition if used as directed.  
See also section 5.3

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

CAS No. Chemical name

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Exposure routes	Method	Dose	Species	h
143-07-7	lauric acid			
Acute oral toxicity	LD50	12000 mg/kg	Ratte	
61789-40-0	cocoamidopropyl betaine			
Acute oral toxicity	LD50	> 2000 mg/kg	Ratte	
	fatty alcohol ethoxylates			
Acute oral toxicity	LD50	500- 2000 mg/kg	Ratte	

### Irritation and corrosivity

Skin irritation: None known.

Eye irritation: Irritating to eyes.

### Sensitizing effects

No sensitization responses were observed.

## SECTION 12: Ecological information

### Toxicity

CAS No.	Chemical name	Method	Dose	Species	h
143-07-7	lauric acid				
	Aquatic toxicity				
	Acute fish toxicity	LC50	16- 64 mg/l	Danio rerio	96
	Acute crustacea toxicity	EC50	16,9 mg/l	Daphnia magna	48
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
	fatty alcohol ethoxylates				
	Acute fish toxicity	LC50	10- 100 mg/l	Goldorfe	96
	Acute algae toxicity	ErC50	10- 100 mg/l		
	Acute crustacea toxicity	EC50	10- 100 mg/l	Daphnia magna	48

### Persistence and degradability

The surfactant(s) contained in this mixture complies (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.

CSB: 750mg/g

### Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No.	Chemical name	Log Pow
143-07-7	lauric acid	4,6

### Mobility in soil

No data is available on the product itself.

### Results of PBT and vPvB assessment

No data is available on the product itself.

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### 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.  
In accordance with local and national regulations.  
Completely emptied packages may be recycled.  
Dispose 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

#### 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.

#### 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.

#### 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.)*