



Safety Data Sheet

Stand 2016

PAX-Tarp Cleaner

## Table of contents

| Page | Issue | Theme  |
|------|-------|--|
| 03   | 01    | Identification of the substance / mixture and of the company / undertaking |
| 04   | 02    | Hazards identification   |
| 05   | 03    | Composition / information on ingredients                                   |
| 06   | 04    | First aid measures   |
| 06   | 05    | Firefighting measures  |
| 07   | 06    | Accidental release measures  |
| 07   | 07    | Handling and storage   |
| 08   | 08    | Exposure controls / personal protection                                    |
| 09   | 09    | Physical and chemical properties   |
| 11   | 10    | Stability and reactivity   |
| 11   | 11    | Toxicological information  |
| 12   | 12    | Ecological information   |
| 12   | 13    | Disposal considerations  |
| 13   | 14    | Transport information  |
| 13   | 15    | Regulatory information   |
| 14   | 16    | Other information  |



## 01 Identification of the substance / mixture and of the company / undertaking

### Product identifier

- **Name of product:**  
Tarp Cleaner
- **Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended intended purpose(s)**  
cleaning agent

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

- **Manufacturer / distributor:**  
Yachticon A. Nagel GmbH  
Hans-Böckler-Ring 33, D-22851 Norderstedt  
Phone +49 40 511 3780, Fax +49 40 51 74 37  
E-Mail yachticon@yachticon.de  
Internet www.yachticon.de
- **Advice:**  
Phone +49 40 511 37 80  
Fax +49 40 51 74 37
- **E-mail (competent person):**  
yachticon@yachticon.de

### Emergency telephone number:

- **Emergency advice:**  
Giftinformationszentrale Berlin  
Phone +49 (0)30 192 40



## 02 Hazards identification

Classification of the substance or mixture

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

| Hazard classes and Hazard categories | Hazard Statements | Classification procedure |
|--------------------------------------|-------------------|--------------------------|
| Skin Irrit. 2                        | H315              |                          |
| Eye Dam. 1                           | H318              |                          |

### Hazard statements for health hazards

|      |                            |
|------|----------------------------|
| H315 | Causes skin irritation.    |
| H318 | Causes serious eye damage. |

### Additional hints

This mixture is classified as hazardous according to Regulation (EC) No 1272 / 2008 [GHS].

### • Label elements

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



GHS05

### Signal word

Danger

### Precautionary Statements

#### General

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.

#### Prevention

P280 Wear protective gloves / protective clothing / eye protection / face protection.

#### Response

P302 + P352 IF ON SKIN: Wash with plenty of water.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER / doctor.  
 P332 + P313 If skin irritation occurs: Get medical advice / attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.

### Hazardous ingredients for labeling

Fatty alcohol, C12-14, ethoxylated, potassium-hydroxide

### Other hazards

### Results of PBT and vPvB assessment

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



### 03 Composition / information on ingredients

Mixtures

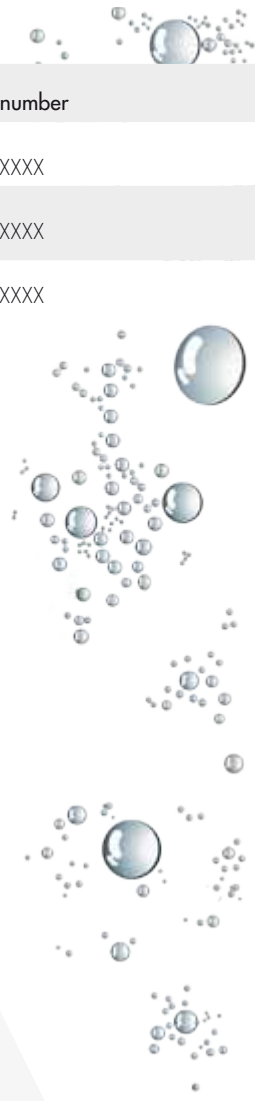
Hazardous ingredients

| CAS No     | EC No     | Name   | [% weight] | Classification according to Regulation (EC) No 1272 / 2008 [CLP / GHS]                                  |
|------------|-----------|--|------------|---|
| 111-76-2   | 203-905-0 | 2-butoxyethanol  | < 5        | Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Eye Irrit. 2, H319 / Skin Irrit. 2, H315 |
| 1310-58-3  | 215-181-3 | potassium-hydroxide  | < 2        | Acute Tox. 4, H302 / Skin Corr. 1A, H314  |
| 68439-50-9 | Polymer   | Fatty alcohol, C12-14, ethoxylated                                   | < 2        | Acute Tox. 4, H302 / Eye Dam. 1, H318 / Aquatic Acute 1, H400   |
| 51981-21-6 | 257-573-7 | L-glutamic acid, N, N-diacetic acid, tetrasodium salt (aq. solution) | < 5        | Met. Corr. 1, H290  |
| 7320-34-5  | 230-785-7 | tetrapotassiumpyrophosphate  | < 5        | Eye Irrit. 2, H319  |

REACH

| CAS No     | Name   | REACH registration number |
|------------|--|---------------------------|
| 1310-58-3  | potassium-hydroxide  | 01-2119487136-33-XXXX     |
| 51981-21-6 | L-glutamic acid, N, N-diacetic acid, tetrasodium salt (aq. solution) | 01-2119493601-38-XXXX     |
| 7320-34-5  | tetrapotassiumpyrophosphate  | 01-2119489369-18-XXXX     |

- Labelling for contents according to regulation (EC) No 648 / 2004, annex VII less than 5 % non-ionic surfactants



### 04 First aid measures

#### Description of first aid measures

##### General information

Remove moisted clothing immediately.  
In the event of persistent symptoms  
receive medical treatment.

##### In case of inhalation

Ensure of fresh air.

##### In case of skin contact

In case of contact with skin wash off immediately  
with plenty of water.

##### In case of eye contact

In case of contact with eyes rinse thoroughly  
with plenty of water and seek medical advice.  
Remove contact lenses.

##### In case of ingestion

Do not induce vomiting.  
Refer to medical treatment.  
Rinse out mouth thoroughly with water.

- **Most important symptoms and effects, both acute and delayed**

No information available.

- **Indication of any immediate medical attention and special treatment needed**

#### Treatment (Advice to doctor)

Treat symptoms.



### 05 Firefighting measures

- **Extinguishing media**

#### Suitable extinguishing media

water  
Product does not burn, fire-extinguishing activities according to surrounding.  
Foam  
Dry fire-extinguishing substance

- **Special hazards arising from the substance or mixture**

The product itself does not burn.  
No details about unusual fire or explosion hazard.

- **Advice for firefighters**

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).  
Wear full protective clothing.

#### Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

## 06 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

### For non-emergency personnel

Ensure adequate ventilation.  
Use personal protective clothing.  
High risk of slipping due to leakage / spillage of product.  
Avoid contact with clothing, skin and eyes.

- **Environmental precautions**

No special environmental precautions required.

- **Methods and material for containment and cleaning up**

Take up residues with absorbent material (e.g. sand, general-purpose binder).  
Flush away residues with water.

- **Reference to other sections**

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8  
Emergency telephone number: see section 1

## 07 Handling and storage

- **Precautions for safe handling**

### Advice on safe handling

Take the usual precautions when handling with chemicals.  
Avoid contact with skin and eyes.

### General protective measures

Avoid contact with eyes and skin

### Hygiene measures

Do not eat or drink when working.  
Clean skin thoroughly after working.  
At work do not eat, drink and smoke.  
Remove soiled or soaked clothing immediately.

- **Conditions for safe storage, including any incompatibilities**

### Requirements for storage rooms and vessels

Keep in closed original container.

### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.  
Protect from extreme heat and cold.

### Storage group 12

- **Specific end use(s)**

No information available.



## 08 Exposure controls / personal protection

### Control parameters

#### Indicative occupational exposure limit values

(91 / 322 / EEC, 2000 / 39 / EC, 2006 / 15 / EC or 2009 / 161 / EU)

| CAS No   | Name            | Code                  | [mg / m <sup>3</sup> ] | [ppm]    | Remark |
|----------|-----------------|-----------------------|------------------------|----------|--------|
| 111-76-2 | 2-butoxyethanol | 8 hours<br>Short-term | 98<br>246              | 20<br>50 | skin   |

- **Exposure controls**

#### Respiratory protection

Not necessary with adequate exhaust ventilation.

#### Hand protection

Glove material specification [make / type, thickness, permeation time / life, wetting resistance]: Nitril, 0,4 mm,

60 min, 480 min. e.g. „Camatril Profi“ (KCL GmbH, E-mail: Vertrieb@kcl.de)

The selection of the suitable gloves does not only depend on different material, but also on further marks of quality and varies from manufacturer to manufacturer.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

- **Eye protection**

safety goggles with side protection

- **Other protection measures**

protective clothing





## 09 Physical and chemical properties

Information on basic physical and chemical properties

| Appearance | Colour              | Odour     |
|------------|---------------------|-----------|
| liquid     | colorless to yellow | odourless |
| Eye Dam. 1 | H318                |           |

### Odour threshold

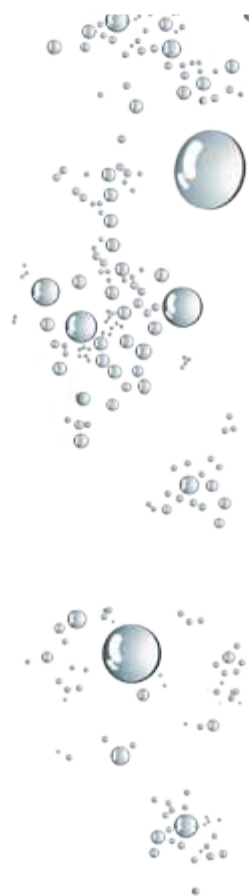
No information available.

### • Important health, safety and environmental information

|                                     | Value                     | Temperature at | Method | Remark                           |
|-------------------------------------|---------------------------|----------------|--------|----------------------------------|
| pH value                            | < 11,5                    |                |        |                                  |
| Boiling temperature / boiling range | No information available. |                |        |                                  |
| Melting point / Freezing point      | No information available. |                |        |                                  |
| Flash point                         |                           |                |        | not applicable                   |
| Vapourisation rate                  | No information available. |                |        |                                  |
| Flammable (solid)                   |                           |                |        | The product is not flammable.    |
| Flammability (gas)                  | No information available. |                |        |                                  |
| Ignition temperature                | No information available. |                |        |                                  |
| Self ignition temperature           |                           |                |        | The product is not selfigniting. |
| Lower explosion limit               | No information available. |                |        |                                  |
| Upper explosion limit               | No information available. |                |        |                                  |

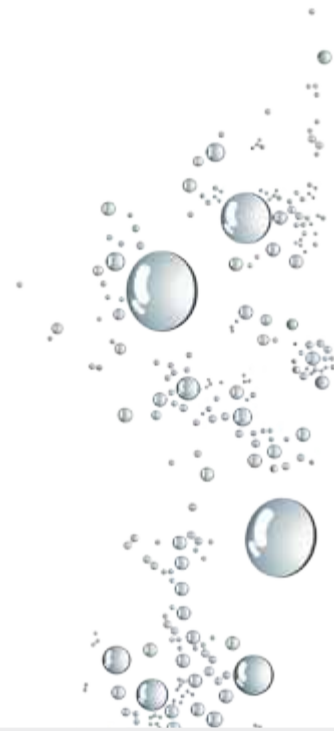
|   |                              |       |
|---|------------------------------|-------|
| Vapour pressure                                     | 14-22 hPa                    |       |
| Relative density                                    | 1,2-1,37 g / cm <sup>3</sup> |       |
| Vapour density                                      | No information available.    |       |
| Solubility in water                                 | multimiscible                |       |
| Solubility / other                                  | No information available.    |       |
| Partition coefficient noctanol / water (log PO / W) | No information available.    |       |
| Decomposition temperature                           | No information available.    |       |
| Viscosity   | 5-40 mPa*s                   | 20 °C |

- **Oxidising properties**  
No information available.
- **Explosive properties**  
The product is not explosive.
- **Other information**  
No information available.



## 10 Stability and reactivity

- **Reactivity**  
No information available.
- **Chemical stability**  
Stable under normal conditions of use.  
Stable under recommended storage conditions.
- **Possibility of hazardous reactions**  
Reacts with acids.
- **Conditions to avoid**  
Avoid heat and frost.
- **Incompatible materials**  
**Materials to avoid**  
metals
- **Hazardous decomposition products**  
Concerning possible decomposition products see section 5.
- **Thermal decomposition**  
Remark No decomposition if used as directed.



## 11 Toxicological information

- **Information on toxicological effects**

### Acute toxicity / Irritability / Sensitization

|                                 | Value / Validation                     | Species | Method | Remark |
|---------------------------------|--|---------|--------|--------|
| Irritability skin               | irritant                               |         |        |        |
| Irritability eye                | irritant - risk of strong eye injuries |         |        |        |
| Skin sensitization              | No known sensitization.                |         |        |        |
| Sensitization respiratorysystem | No known sensitization.                |         |        |        |

### Additional information

The product should be handled with the care usual when dealing with chemicals.  
Further hazardous properties can not be excluded.

### 12 Ecological information

- **Toxicity**  
No information available.
- **Persistence and degradability**  
No information available.
- **Bioaccumulative potential**  
No information available.
- **Mobility in soil**  
No information available.
- **Results of PBT and vPvB assessment**  
The substances in the mixture do not meet the PBT / vPvB criteria according to REACH, annex XIII.
- **Other adverse effects**

#### General regulation

Do not allow uncontrolled leakage of product into the environment.  
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648 / 2004 on detergents.

### 13 Disposal considerations

- **Waste treatment methods**

#### Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWVG) stipulates recycling as a requirement. This means that a distinction must be made between „wastes for recycling“ and „wastes for disposal“. Particular aspects - in the main concerning delivery - are also governed by the Laender.

- **Recommendations for packaging**

Untaminated packaging may be taken for recycling.  
Untaminated packaging may be treated as household waste.  
Disposal according to official regulations.

- **Recommended cleansing agent**

water

- **General information**

Allocation of the waste number has to be done according to the EWC directive industry- and processspecific.



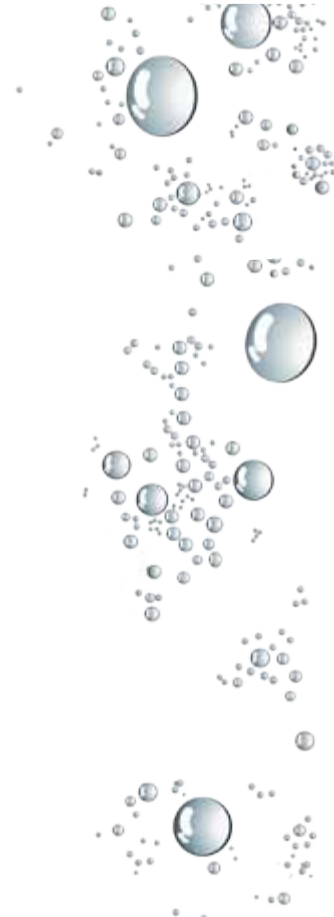
## 14 Transport information

|                            | ADR / RID | IMDG | IATA-DGR |
|----------------------------|-----------|------|----------|
| UN number                  | -         | -    | -        |
| UN proper shipping name    | -         | -    | -        |
| Transport hazard class(es) | -         | -    | -        |
| Packing group              | -         | -    | -        |
| Environmental hazards      | -         | -    | -        |

- **Special precautions for user**  
No information available.
- **Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code**  
No information available.

### Transport / further information

No dangerous goods as defined by the transport regulations  
- ADR / RID, IMDG, ICAO / IATA-DGR.



## 15 Regulatory information

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

### National regulations

|   |  |
|---|--|
| Water hazard class                        | 1<br>following VwVwS slightly hazardous to water |
| Decree for case of interference / remarks | Not subject to the Hazardous Incident Ordinance  |

- **Chemical Safety Assessment**  
No information available.

### 16 Other information

- **Training advice**

See the technical data sheet for more information.

- **Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

- **Further information**

The national special regulations have to be implemented by each user their own responsibility!

The information contained herein is based on the state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.

Please note: Our Material Safety Data Sheets have been prepared in accordance with EU directives, WITHOUT taking into account the specific national regulations for handling hazardous materials and chemicals.

#### Sources of key data used

Data sheets of the suppliers.

Umweltbundesamt (Wassergefährdungsklasse)

|      |  |
|------|--|
| H290 | May be corrosive to metals.              |
| H302 | Harmful if swallowed.                    |
| H312 | Harmful in contact with skin.            |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |
| H318 | Causes serious eye damage.               |
| H319 | Causes serious eye irritation.           |
| H332 | Harmful if inhaled.                      |
| H400 | Very toxic to aquatic life.              |





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