

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

1.1. Product identifier

Name of product Tarp Cleaner
Art-Nr 1.0211.02126.00000

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended intended purpose(s)
cleaning agent

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor Yachticon A. Nagel GmbH
Bürgermeister-Bombeck-Str. 1, 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

1.4. Emergency telephone number

Emergency advice Giftinformationszentrale Berlin
Phone +49 (0)30 30686700
Information in German.

SECTION 2: Hazards identification

2.1. 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
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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].

2.2. Label elements

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



GHS05

Tarp Cleaner**Signal word**

Danger

Hazard statements for health hazards

H315 Causes skin irritation.

H318 Causes serious eye damage.

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

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/...

Hazardous ingredients for labeling

Alcohols C12-14, ethoxylated, 7-14 EO, potassium-hydroxide

2.3. 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.

! SECTION 3: Composition/ information on ingredients**3.1. Substances**

not applicable

3.2. 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	Alcohols C12-14, ethoxylated, 7-14 EO	< 2	Acute Tox. 4, H302 / Eye Dam. 1, H318 / Aquatic Chronic 3, H412
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

! SECTION 4: First aid measures

4.1. 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

Eye rinsing with water carefully while protecting unhurt eye.
Remove contact lenses.
Seek medical advice immediately.

! In case of ingestion

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

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

Treat symptoms.

! SECTION 5: Firefighting measures

5.1. Extinguishing media

! Suitable extinguishing media

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

5.2. Special hazards arising from the substance or mixture

In the case of thermal decomposition formation of dangerous gases possible.
The product itself does not burn. No details about unusual fire or explosion hazard.

5.3. 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.

! SECTION 6: Accidental release measures

6.1. 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.

6.2. Environmental precautions

No special environmental precautions required.

6.3. 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.
After taking up the material dispose according to regulation.

6.4. 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

! SECTION 7: Handling and storage

7.1. 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.

7.2. 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.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. 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/m3]	[ppm]	Remark
111-76-2	2-butoxyethanol	8 hours Short-term	98 246	20 50	skin

DNEL-/PNEC-values

DNEL worker

CAS No	Substance name	Value	Code	Remark
1310-58-3	potassium-hydroxide	1 mg/m3	DNEL long-term inhalative (local)	

DNEL Consumer

CAS No	Substance name	Value	Code	Remark
1310-58-3	potassium-hydroxide	1 mg/m3	DNEL long-term inhalative (local)	

8.2. 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, Email: 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

! SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

colorless to yellow

Odour

odourless

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	< 11,5				
Boiling temperature / boiling range	not determined				

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	Value	Temperature	at	Method	Remark
Melting point / Freezing point	not determined				
Flash point					not applicable
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	14-22 hPa				
Relative density	1,2-1,37 g/cm ³				
Vapour density	not determined				
Solubility in water					multimiscible
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	5-40 mPa*s	20 °C			
Oxidising properties	No information available.				
Explosive properties	The product is not explosive.				
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 of use.

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Reacts with acids.

10.4. Conditions to avoid

Avoid heat and frost.

10.5. Incompatible materials

! Substances to avoid

Acid
metals

10.6. Hazardous decomposition products

Concerning possible decomposition products see section 5.

Thermal decomposition

Remark No decomposition if used as directed.

! SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
Skin irritation	irritant			
Eye irritation	irritant - risk of strong eye injuries			
Skin sensitization	No known sensitization.			
Sensitization respiratory system	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.

! SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

! General regulation

Ecological dates are not available.

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.

SECTION 13: Disposal considerations

13.1. 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 (KrWG) 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

Uncontaminated packaging may be taken for recycling.
Uncontaminated 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 process-specific.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-

	ADR/RID	IMDG	IATA-DGR
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user No information available.			
14.7. 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.			

! SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available.

15.2. Chemical Safety Assessment
No information available.

! SECTION 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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.2

! Sources of key data used

Data sheets of the suppliers.

Full text of the hazard phrases in section 2 and 3.

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.

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- H332 Harmful if inhaled.
- H412 Harmful to aquatic life with long lasting effects.