

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

### 1.1. Product identifier

Name of product Wonder Bilge  
Art-Nr 02.1026.00

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

No information available.

### 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)30 192 40

## ! 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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Eye Dam. 1	H318	
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#### ! Hazard statements for health hazards

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

#### ! Signal word

Danger

#### ! Hazard statements for health hazards

H318 Causes serious eye damage.

**Wonder Bilge****Precautionary Statements****! 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**

Fatty alcohol, C12-14, ethoxylated, laurylamine

**2.3. Other hazards****! Results of PBT and vPvB assessment**

The components in this formulation do not meet the PBT / vPvB criteria of 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]
1310-73-2	215-185-5	sodium-hydroxide	< 0,5	Skin Corr. 1A, H314
68439-50-9	Polymer	Fatty alcohol, C12-14, ethoxylated	< 10	Acute Tox. 4, H302 / Eye Dam. 1, H318 / Aquatic Acute 1, H400
31017-83-1		laurylamine	< 5	Acute Tox. 4 (oral), H302 / Eye Dam. 1, H318
7320-34-5	230-785-7	tetrapotassiumpyrophosphate	< 5	Eye Irrit. 2, H319

**REACH**

CAS No	Name	REACH registration number
1310-73-2	sodium-hydroxide	01-2119457892-27-XXXX
7320-34-5	tetrapotassiumpyrophosphate	01-2119489369-18-XXXX

**Labelling for contents according to regulation (EC) No 648/2004, annex VII**

less than 5 % cationic surfactants

5 % or over but less than 15 % non-ionic surfactants

perfumes

**! 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.

Rinse mouth and nose with water.

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**! In case of skin contact**

Rinse 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.

Rinse out mouth and give plenty of water to drink.

**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**

No information available.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

**5.2. Special hazards arising from the substance or mixture**

Fire gas of organic material has to be classed invariably as respiratory poison.

In the event of fire the following can be released:

Nitrogen gases (NO<sub>x</sub>)

Carbon monoxide (CO)

Phosphorus oxides (e.g. phosphoruspentoxide)

Carbon dioxide (CO<sub>2</sub>)

Under certain fire conditions traces of other toxic substances cannot be excluded.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply ( isolated ).

**Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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

Cool containers with water.

Remove containers from the danger area, if possible without risk.

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**! 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.

Do not breathe vapors.

Avoid contact with clothing, skin and eyes.

Keep unprotected persons away.

Use suitable breathing apparatus if exposed to vapors / aerosol.

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### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Dilute with plenty of water.

Suppress gases/vapours/mists with water spray jet

If product enters water course or sewage system, inform the responsible authority.

### 6.3. Methods and material for containment and cleaning up

Pump off larger quantity.

Send in suitable containers for recovery or disposal.

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

After taking up the material dispose according to regulation.

Ensure adequate ventilation.

### 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

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## ! SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Handle in accordance with good industrial hygiene and safety practice.

Do not inhale vapors.

Keep container tightly closed.

Do not eat, drink or smoke in the area of application.

#### General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Work in rooms with good ventilation.

Wash hands before breaks and after work.

Use barrier skin cream.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep in closed original container.

#### ! Advice on storage compatibility

Store and transport separate of food.

#### Further information on storage conditions

Protect from extreme heat and cold.

Keep container in a well-ventilated place

Keep container tightly closed and store at a cool and dry place.

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**Storage group** 12

**7.3. Specific end use(s)**

No information available.

**! SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No information available.

**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

**! Other protection measures**

protective clothing

**Appropriate engineering controls**

Ensure good ventilation, where necessary use fume hood.

**! SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Appearance**

liquid

**Colour**

colourless

**Odour**

mild

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	11	20 °C			
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	not determined				
<b>Vapourisation rate</b>	not determined				

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	Value	Temperature	at	Method	Remark
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	1,12 g/cm <sup>3</sup>				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>		20 °C			multimiscible
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				

**Oxidising properties**

No information available.

**Explosive properties**

The product is not explosive.

**9.2. Other information**

Refer to technical data sheet.

**! SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

Reactions with acids and strong oxidising agents.

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**10.4. Conditions to avoid**

Avoid heat and frost.

**10.5. Incompatible materials**

**! Substances to avoid**

Acid

Oxidising agent

**10.6. Hazardous decomposition products**

Concerning possible decomposition products see section 5.

**Thermal decomposition**

Remark No decomposition if used as directed.

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**! SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	low irritant effect - not necessary to label			
<b>Eye irritation</b>	irritant - risk of strong eye injuries			
<b>Skin sensitization</b>	No known sensitization.			
<b>Sensitization respiratory system</b>	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.

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**! 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**

**Wonder Bilge**

The components in this formulation do not meet the PBT / vPvB criteria of REACH, Annex XIII.

**12.6. Other adverse effects**

Harmful effect in the water possible by shifting of the pH value.

**! Behaviour in sewage plant**

The product is an alkaline solution. Neutralization is normally necessary before waste water is discharged into sewage treatment plants.

**! General regulation**

Product is not allowed to be discharged into the ground water or aquatic 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**

Disposal according to official regulations.

**Recommended cleansing agent**

Water, if necessary with cleansing agents.

**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
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b>			
No information available.			



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**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.

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**! SECTION 15: Regulatory information**

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

**National regulations**

**Water hazard class** 2 following VwVwS  
hazardous to water

**Decree for case of interference/remarks** Not subject to the Hazardous Incident Ordinance

**15.2. Chemical Safety Assessment**

No information available.

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**! 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: 1.6

**! Sources of key data used**

Data sheets of the suppliers.

European Chemicals Agency (ECHA)

Federal Environment Agency (water hazard classes)

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.