

**Fabric Water Proofer Spray for functional clothing and shoes**

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

**1.1. Product identifier**

**Name of product**

Fabric Water Proofer Spray for functional clothing and shoes  
Art-Nr 03.5178.00

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

**Recommended intended purpose(s)**

impregnating agent

**1.3. 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

**1.4. Emergency telephone number**

**Emergency advice**

Giftinformationszentrale Berlin  
Phone +49 (0)30 192 40  
Information in German.

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**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
Aerosol 1	H222, H229	
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	
STOT SE 3	H336	
Aquatic Chronic 3	H412	

**Hazard statements for physical hazards**

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

**Hazard statements for health hazards**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Hazard statements for environmental hazards**

H412 Harmful to aquatic life with long lasting effects.

**Fabric Water Proofer Spray for functional clothing and shoes**

**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]



GHS02



GHS07

**Signal word**

Danger

**Hazard statements for physical hazards**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

**Hazard statements for health hazards**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**Hazard statements for environmental hazards**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

**General**

P102 Keep out of reach of children.

**Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid inhalation of spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

**Response**

P302 + P352 IF ON SKIN: Gently wash with plenty of soap and 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.

P312 Call a POISON CENTER/doctor/.../if you feel unwell.

P337 + P313 If eye irritation persists: Get medical advice/attention.

**Storage**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal**

P501 Dispose of contents/container to an approved waste handling.

**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]
67-63-0	200-661-7	propan-2-ol	10 - 20	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
108-21-4	203-561-1	isopropyl acetate	1 - 10	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
123-86-4	204-658-1	n-butyl acetate	1 - 10	Flam. Liq. 3, H226 / STOT SE 3, H336
64741-65-7	923-037-2	Hydrocarbons, C11-C13, aliphatic	20 - 30	Flam. Liq. 3, H226 / Asp. Tox. 1, H304 /
	921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclenes, <5% n-hexane	20 - 30	Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336
106-97-8	203-448-7	butane	10 - 20	Flam. Gas 1, H220 / Press. Gas, H280 / Flam. Liq. 1, H224
74-98-6	200-827-9	propane	1 - 10	Flam. Gas 1, H220 / Press. Gas, H280 / Flam. Liq. 1, H224
75-28-5	200-857-2	isobutane	1 - 10	Flam. Gas 1, H220 / Press. Gas, H280 /

#### REACH

CAS No	Name	REACH registration number
67-63-0	propan-2-ol	01-2119457558-25-XXXX
123-86-4	n-butyl acetate	01-2119485493-29-XXXX
64741-65-7	Hydrocarbons, C11-C13, aliphatic	01-2119471991-29-XXXX
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclenes, <5% n-hexane	01-2119475515-33-XXXX

## 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 with soap and 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.

**Fabric Water Proofer Spray for functional clothing and shoes**

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**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 fire-extinguishing substance

Carbon dioxide

sand

**Unsuitable extinguishing media**

water

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

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

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

**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.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Avoid skin and eye contact.

Use personal protective clothing.

Ensure adequate ventilation / exhaustion at the workplace.

**6.2. Environmental precautions**

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

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

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

Do not distribute with water.

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

After taking up the material dispose according to regulation.

Take up mechanically and send for disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

**Fabric Water Proofer Spray for functional clothing and shoes**

Emergency telephone number: see section 1

## 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.

Take the usual precautions when handling with chemicals.

#### General protective measures

Avoid contact with eyes and skin

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Keep away from food and drink.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Take precautionary measures against static discharges.

Avoid effect of heat.

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

#### Requirements for storage rooms and vessels

Keep in closed original container.

#### Advice on storage compatibility

Do not store together with oxidizing agents.

Store at cool and aired place and at distance to acids, alkalies and combustible materials.

Keep away from combustible, flammable materials or sources of ignition.

#### Further information on storage conditions

Protect from direct solar radiation.

Keep container dry and store at cool and aired place.

Protect from wetness.

Protect from heat/overheating.

**Storage group** 2B

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### biological limits (TRGS 903)

CAS No	Name	Parameter	BGW	Examination material	Test date
67-63-0	propan-2-ol	Aceton	25 mg/l	B	b
67-63-0	propan-2-ol	Aceton	25 mg/l	U	b

**Fabric Water Proofer Spray for functional clothing and shoes**
**8.2. Exposure controls**
**Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.

Short term: filter apparatus, Filter A/P2

**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**

tightly fitting goggles

**Other protection measures**

Light 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**

aerosol

**Colour**

colourless

**Odour**

characteristic

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	-60 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	200 °C				

**Fabric Water Proofer Spray for functional clothing and shoes**

	Value	Temperature	at	Method	Remark
<b>Self ignition temperature</b>					The product is not self-igniting.
<b>Lower explosion limit</b>	0,6 Vol-%				
<b>Upper explosion limit</b>	12 Vol-%				
<b>Vapour pressure</b>	2700 hPa	20 °C			
<b>Relative density</b>	0,67 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					more or less insoluble
<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				
<b>Solvent content</b>	98,91 %				

**Oxidising properties**

No information available.

**Explosive properties**

The product is not explosive.

Could form explosive mixtures with air.

**9.2. Other information**

Refer to technical data sheet.

**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**

No information available.

**Fabric Water Proofer Spray for functional clothing and shoes**

**10.4. Conditions to avoid**

Heat, open flames, sparks

**10.5. Incompatible materials**

**Substances to avoid**

Oxidising agent

**10.6. Hazardous decomposition products**

Concerning possible decomposition products see section 5.

**Thermal decomposition**

Remark No decomposition if used as directed.

**Additional information**

As a general rule we recommend avoiding the contact with strong chemical reagents, such as acids, bases, reductors and oxidizers.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	low irritant - no labeling duty			
<b>Skin sensitization</b>	No known sensitization.			

**Experiences made from practice**

May cause eye and skin irritation.

Irritates mucous membranes.

**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.

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

Harmful to fishes and bacteria.

### 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.

##### 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	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)	2.1	2	2.1
14.4. Packing group	-	-	-
14.5. Environmental hazards	Yes	Yes	Yes

#### 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.

#### Land and inland navigation transport ADR/RID

Hazard label(s) 2.1

tunnel restriction code D

Classification code 5F

**Fabric Water Proofer Spray for functional clothing and shoes**

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**Marine transport IMDG**  
MARINE POLLUTANT

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**SECTION 15: Regulatory information**

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

**National regulations**

<b>Water hazard class</b>	1	Manufacturer specifications slightly hazardous to water
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**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.

**Sources of key data used**

Data sheets of the suppliers.

H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.