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

1.1. Product identifier

Name of product Quick Interior Cleaner
Art-Nr: 1.0201.01029.00000

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 37 80, 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

Phone +49 40 511 37 80
This number is only available at office times.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

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

Precautionary Statements

General

P102 Keep out of reach of children.

Prevention

P262 Do not get in eyes, on skin, or on clothing.

Special rules for supplemental label elements for certain mixtures

Safety data sheet available on request.

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	< 5	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
111-76-2	203-905-0	butyl cellosolve	< 5	Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Eye Irrit. 2, H319 / Skin Irrit. 2, H315

REACH

CAS No	Name	REACH registration number
67-63-0	propan-2-ol	01-2119457558-25-XXXX
111-76-2	butyl cellosolve	01-2119475108-36-XXXX

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

less than 5 % anionic surfactants
2-BROMO-2-NITROPROPANE-1,3-DIOL

! SECTION 4: First aid measures

4.1. Description of first aid measures

! General information

Remove moisted clothing immediately.
If symptoms occur consult a physician.

In case of inhalation

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off with water.

In case of eye contact

In case of contact with eyes rinse thoroughly with water.
Remove contact lenses.

In case of ingestion

Do not induce vomiting.
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

No information available.

! SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

Unsuitable extinguishing media

Full water jet

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.

5.3. Advice for firefighters

! Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Wear protective clothing.

Additional information

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

! 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

No information available.

6.3. Methods and material for containment and cleaning up

Pump off larger quantity.

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

Rinse with plenty of water.

Small spills: Absorb with absorbent material (cloth, fleece). Thoroughly clean surfaces to remove contamination residue.

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.
Handle in accordance with good industrial hygiene and safety practice.

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.

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

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

Storage group 12

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, 2004/37/EC, 2006/15/EC or 2009/161/EU)

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

biological limits (TRGS 903)

CAS No	Name	Parameter	BGW	Examination material	Test date
111-76-2	2-butoxyethanol	Butoxyessigsäure (nach Hydrolyse)	150 mg/g Kreatinin	U	b, c
67-63-0	propan-2-ol	Aceton	25 mg/l	B	b

DNEL-/PNEC-values

DNEL worker

CAS No	Substance name	Value	Code	Remark
111-76-2	butyl cellosolve	125 mg/kg bw/day	DNEL acute dermal, short-term (systemic)	
		246 mg/m ³	DNEL acute inhalative (local)	
		1091 mg/m ³	DNEL acute inhalative (systemic)	
		98 mg/m ³	DNEL long-term inhalative (systemic)	

Quick Interior Cleaner**DNEL-/PNEC-values (continued)**

CAS No	Substance name	Value	Code	Remark
67-63-0	propan-2-ol	125 mg/kg bw/day	DNEL long-term dermal (systemic)	
		500 mg/m ³	DNEL long-term inhalative (systemic)	
		888 mg/kg bw/day	DNEL long-term dermal (systemic)	

DNEL Consumer

CAS No	Substance name	Value	Code	Remark
111-76-2	butyl cellosolve	89 mg/kg bw/day	DNEL acute dermal, short-term (systemic)	
		426 mg/m ³	DNEL acute inhalative (systemic)	
		59 mg/m ³	DNEL long-term dermal (systemic)	
		147 mg/m ³	DNEL acute inhalative (local)	
		75 mg/kg bw/day	DNEL long-term dermal (systemic)	
		26,7 mg/kg bw/day	DNEL short-term oral (acute)	
67-63-0	propan-2-ol	6,3 mg/kg bw/day	DNEL long-term oral (repeated)	
		319 mg/kg bw/day	DNEL long-term dermal (systemic)	
		26 mg/kg bw/day	DNEL long-term oral (repeated)	
		89 mg/m ³	DNEL long-term inhalative (systemic)	

PNEC

CAS No	Substance name	Value	Code	Remark
111-76-2	butyl cellosolve	9,1 mg/l	PNEC aquatic, intermittent release	
		8,8 mg/l	PNEC aquatic, freshwater	
		0,88 mg/l	PNEC aquatic, marine water	
		463 mg/l	PNEC sewage treatment plant (STP)	
		3,46 mg/kg dw	PNEC sediment, marine water	
		34,6 mg/kg dw	PNEC sediment, freshwater	
67-63-0	propan-2-ol	552 mg/kg	PNEC sediment, freshwater	
		140,9 mg/l	PNEC aquatic, marine water	
		140,9 mg/l	PNEC aquatic, intermittent release	
		140,9 mg/l	PNEC aquatic, freshwater	
		552 mg/kg	PNEC sediment, marine water	
		2251 mg/l	PNEC sewage treatment plant (STP)	

8.2. Exposure controls

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.
 Not necessary with adequate exhaust ventilation.

! Hand protection

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile, 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

! SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

colourless, clear

Odour

alcoholic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	7,5	20			
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	not determined				
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				

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	Value	Temperature	at	Method	Remark
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,99 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	not determined				

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

No information available.

10.4. Conditions to avoid

Avoid heat and frost.

10.5. Incompatible materials

No information available.

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
Skin irritation	No irritant effect known.			
Eye irritation	No irritant effect known.			
Skin sensitization	No known sensitization.			
Sensitization respiratory system	No known sensitization.			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Mutagenicity				No evidence of genotoxicity.
Reproduction-Toxicity				No evidence of reproductive toxicity.
Carcinogenicity				No evidence of possible carcinogenic effects.

! Specific target organ toxicity (single exposure)

No effect known.

! Specific target organ toxicity (repeated exposure)

No effect known.

! Aspiration hazard

No classification in terms of aspiration.

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.

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

Totally emptied packaging may be taken for recycling.
Totally emptied 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	-	-	-

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	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

National regulations

Water hazard class 1 following AwSV (Germany)
slightly hazardous to water

15.2. Chemical Safety Assessment

No information available.

! SECTION 16: Other information

! Training advice

See the technical data sheet for more information.

CAS - Chemical Abstracts Service; CLP - classification, labeling and packaging; DNEL - derived exposure level without adverse effects; GHS - Globally Harmonized System for Classification and Labeling of Chemicals; LC50 - Median Lethal Concentration; OECD - Organization for Economic Co-operation and Development; PBT - Persistent, Bioaccumulative and Toxic; PNEC - Estimated No Effect Concentration; STOT - Specific Target Organ Toxicity; SVHC - substance of very high concern;

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: 1.5

! Sources of key data used

Data sheets of the suppliers.

European Chemicals Agency (ECHA)

Full text of Hazard Statements in Section 3 (NOT classification of the mixture).

Federal Environment Agency (water hazard classes)

- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.