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

1.1. Product identifier

Name of product Rubbing
Art-Nr 02.0734.00

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

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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Aquatic Chronic 3	H412	
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Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

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]

Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

General

P102 Keep out of reach of children.
P103 Read label before use.

Prevention

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

Rubbing

P273 Avoid release to the environment.

Disposal

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

2.3. Other hazards**Information pertaining to special dangers for human and environment**

Particular danger of slipping on leaked / spilled product.

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]
	925-653-7	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)	< 10	Asp. Tox. 1, H304 / Aquatic Chronic 3, H412
	919-164-8	Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	< 10	Asp. Tox. 1, H304 / Aquatic Chronic 3, H412 / , EUH066
	926-141-6	Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, <2% aromatics	< 15	Asp. Tox. 1, H304 / , EUH066
68439-49-6	500-212-8	Alcohol, C16-C18 ethoxylated	> 0,1 < 0,5	Acute Tox. 4, H302 / Eye Dam. 1, H318 / Aquatic Acute 1, H400
64742-81-0	265-184-9	Kerosine (petroleum), hydrodesulfurized	< 10	Asp. Tox. 1, H304 / Skin Irrit. 2, H315 / Aquatic Chronic 2, H411 / STOT SE 3, H336

REACH

CAS No	Name	REACH registration number
	Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, <2% aromatics	01-2119456620-43-XXXX
64742-81-0	Kerosine (petroleum), hydrodesulfurized	01-2119462828-25-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 warm water.

Remove contact lenses.

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In case of ingestion

Do not induce vomiting.
Call for a doctor immediately.
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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry powder
Carbon dioxide
Water spray jet

Unsuitable extinguishing media

Full water 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:
Carbon monoxide (CO)
Carbon dioxide (CO₂)

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

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.
Avoid skin and eye contact.
Use personal protective clothing.
Forms slippery surfaces with water.
Do not breathe vapors.

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.

Rubbing

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.

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

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

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.

General protective measures

Do not inhale vapours.

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.

Work in rooms with good ventilation.

Keep away from food and drink.

Wash hands before breaks and after work.

Use barrier skin cream.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

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 food.

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Exclude sources of ignition - No smoking.

Protect from heat and direct solar radiation.

Storage group 10

7.3. Specific end use(s)

No information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

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

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

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

viscous liquid

Colour

white

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	9,5 - 11				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	> 61 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				

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	Value	Temperature	at	Method	Remark
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	1,12 g/cm ³	20 °C			
Vapour density	not determined				
Solubility in water		20 °C			partially soluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity					medium viscosity
Oxidising properties	No information available.				
Explosive properties	No information available.				
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 recommended storage conditions.

10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

10.4. Conditions to avoid

Heat, open flames, sparks

Rubbing

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	No known sensitization.			
Sensitization respiratory system	No known sensitization.			

Experiences made from practice

Repeated and prolonged skin contact may cause defatting and irritation.

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

Rubbing

General regulation

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

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.

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	-	-	-
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

Rubbing

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.

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.

Sources of key data used

Data sheets of the suppliers.

Federal Environment Agency (water hazard classes)

EUH066 Repeated exposure may cause skin dryness or cracking.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.