

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

1.1. Product identifier

Name of product Sea Wash
Art-Nr 03.0740.00

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)30 192 40
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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Eye Irrit. 2	H319	
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Hazard statements for health hazards

H319 Causes serious eye irritation.

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]



GHS07

Signal word

Warning

Hazard statements for health hazards
H319 Causes serious eye irritation.

Precautionary Statements

General

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.

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

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]
68891-38-3	500-234-8	Alkylethersulfat (Alcohols, C12-14, ethoxylated, sulfates, sodium salts)	10 < 15	Eye Dam. 1, H318 / Skin Irrit. 2, H315 / Aquatic Chronic 3, H412 / **
	307-055-2	Alkansulfonat	5 < 15	Eye Dam. 1, H318 / Acute Tox. 4, H302 / Aquatic Chronic 3, H412 / Skin Irrit. 2, H315 / **
	Polymer	Fettalkohol, ethoxyliert	3 < 5	Acute Tox. 4, H302 / Eye Dam. 1, H318 /

REACH

CAS No	Name	REACH registration number
68891-38-3	Alkylethersulfat (Alcohols, C12-14, ethoxylated, sulfates, sodium salts)	01-2119488639-16-XXXX
	Alkansulfonat	01-2119489924-20-XXXX

Additional advice

** Substance-specific threshold values were taken into account for the classification of the product.

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

CITRAL (CAS 5392-40-5)

LIMONENE (CAS 5989-27-5)

BENZISOTHIAZOLINONE (CAS 2634-33-5)

less than 5 % non-ionic surfactants

Methylisothiazolinon

Glutaral (Glutardialdehyd)

15 % or over but less than 30 % anionic surfactants

perfumes

Colorant

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 the event of symptoms refer for medical treatment.

In case of skin contact

Rinse with plenty of water.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.
Remove contact lenses.

In case of ingestion

Do not induce vomiting.
Seek medical advice 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

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. 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).

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
High risk of slipping due to leakage / spillage of product.

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.
Forms slippery surfaces with water.
Ensure adequate ventilation / exhaustion at the workplace.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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

Advice on protection against fire and explosion

No special measures necessary.

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 frost.
Protect from extreme heat and cold.

Storage group 12

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters**DNEL-/PNEC-values****DNEL worker**

CAS No	Substance name	Value	Code	Remark
68891-38-3	Alkylethersulfat (Alcohols, C12-14, ethoxylated, sulfates, sodium salts)	2750 mg/kg bw/day	DNEL long-term dermal (systemic)	
		175 mg/m ³	DNEL long-term inhalative (systemic)	

PNEC

CAS No	Substance name	Value	Code	Remark
68891-38-3	Alkylethersulfat (Alcohols, C12-14, ethoxylated, sulfates, sodium salts)	10000 mg/l	PNEC sewage treatment plant (STP)	
		0,545 mg/kg	PNEC sediment, marine water	
		5,45 mg/kg dw	PNEC sediment, freshwater	
		0,024 mg/l	PNEC aquatic, marine water	
		0,071 mg/l	PNEC aquatic, intermittent release	
		0,24 mg/l	PNEC aquatic, freshwater	

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

Use safety goggles if splashing is possible.

Other protection measures

protective clothing

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties**Appearance**

liquid

Colour

green

Odour

of lemon

Odour threshold

Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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Sea Wash

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	6 - 7	20			
Boiling temperature / boiling range	not determined				
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	not determined				
Relative density	ca. 1,04 g/cm3	20 °C			
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 kinematic	ca. 65 - 85 s	20 °C		DIN 53211	

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	low irritant effect - not necessary to label			
Eye irritation	irritant			
Sensitization respiratory system	No known sensitization.			

Experiences made from practice

Possible sensitization in case of persons suffering from hypersensitivity.

Additional information

The product should be handled with the care usual when dealing with chemicals.

The given toxicological data are determined by analogy conclusion.

The product has not been tested. The information is derived from products of similar composition.

! SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

An accumulation in organisms is not expected.

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 surfactants contained in this preparation 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	-	-	-

	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	2	Manufacturer specifications 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. Previous version: 1.1

Sources of key data used

Data sheets of the suppliers.

H302	Harmful if swallowed.
H315	Causes skin irritation.

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Sea Wash

- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.