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

### 1.1. Product identifier

**Name of product** Multi Purpose Grease  
Art-Nr 02.1183.00

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

care product  
lubricant

### 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.

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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]**

#### 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.  
P273 Avoid release to the environment.

#### Special rules for supplemental label elements for certain mixtures

Safety data sheet available on request.

### 2.3. Other hazards

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**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.

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**! SECTION 3: Composition/ information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Description**

Product based on mineral oil with a DMSO extract <3%.

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
68584-23-6	271-529-4	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	< 5	Eye Irrit. 2, H319
61789-86-4	263-093-9	Sulfonic acids, petroleum, calcium salts	< 2,5	Eye Irrit. 2, H319
70024-69-0	274-263-7	Benzene, mono-C16-24-alkyl derivatives, calcium salts	< 2,5	Eye Irrit. 2, H319

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Remove contaminated soaked 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**

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 water.  
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.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

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 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 ).  
Wear protective clothing.

#### Additional information

Cool endangered containers with water spray jet.  
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.

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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.  
Keep away sources of ignition.  
High risk of slipping due to leakage/spillage of product.  
Ensure adequate ventilation / exhaustion at the workplace.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
If the product contaminates the drains / surface water / ground water, inform local authorities.

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

Take up with absorbent material (e.g. sand, general-purpose binder, kieselguhr).  
After taking up the material dispose according to regulation.

#### Additional Information

Remove all sources of ignition. Avoid open flames.

### 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

Use only in well-ventilated areas.  
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.  
Cloths contaminated with product should not be kept in trouser pockets.  
At work do not eat, drink and smoke.  
Remove soiled or soaked clothing immediately.  
Keep separated from food and feed.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking  
Take precautionary measures against static discharges.

### 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.

#### Further information on storage conditions

Exclude sources of ignition - No smoking.  
Protect from heat and direct solar radiation.  
Protect from wetness.

**Storage group** 11

### 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

If ventilation insufficient, wear respiratory protection.  
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.

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**Eye protection**

safety 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**

solid

**Colour**

beige

**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>	> 200 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	> 250 °C			ASTM E 659	
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	ca. 900 kg/m <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					insoluble
<b>Solubility/other</b>	not determined				

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	Value	Temperature	at	Method	Remark
<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>Oxidising properties</b> No information available.					
<b>Explosive properties</b> The product is not explosive.					
<b>9.2. Other information</b> 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**

Reacts with strong oxidants.

**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.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritation/Sensitization**

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

**Experiences made from practice**

Irritation of eyes, mucous membranes or skin possible.

**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**

Because of insolubility in water details are impossible to determinate.

Do not allow uncontrolled leakage of product into the environment.

**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.

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**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**

**National regulations**

<b>Water hazard class</b>	2	Manufacturer specifications hazardous to water
<b>Decree for case of interference/remarks</b>	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!



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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**Multi Purpose Grease**

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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: 1.0

**Sources of key data used**

Data sheets of the suppliers.

H319 Causes serious eye irritation.