

# Miele ProCare Lab 11 MA

Version: 3 / GB

Replaces Version: 2 /  
GB

Date revised: 26.11.2015

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

### 1.1. Product identifier

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

#### Use of the substance/preparation

Washing and cleaning products (including solvent based products)

### 1.3. Details of the supplier of the safety data sheet

#### Address:

Miele & Cie. KG  
Carl-Miele-Straße 29  
D-33332 Gütersloh  
Telephone no. +49 5241 89 0  
Fax no. +49 5241 89 2090  
www.miele-professional.com

#### E-mail address of person responsible for this SDS:

sida@drweigert.de

### 1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) 1 800 535 5053 or international +1 352 323 3500

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Corr. 1B	H314
Eye Dam. 1	H318
STOT SE 3	H335

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.

#### Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

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P305+P351+P338 with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.  
Dispose only when container is empty and closed. For disposal of product residues, refer to Safety Data Sheet.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**  
contains disodium metasilicate pentahydrate

## 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### Hazardous ingredients

#### fatty alcohol, ethoxylated

CAS No. 146340-16-1  
EINECS no. 604-522-5  
Concentration >= 1 < 10 %  
Classification Xi, R38  
N, R50

Classification (Regulation (EC) No. 1272/2008)  
Skin Irrit. 2 H315  
Aquatic Acute 1 H400  
Aquatic Chronic 3 H412

#### disodium metasilicate pentahydrate

CAS No. 10213-79-3  
EINECS no. 229-912-9  
Registration no. 01-2119449811-37  
Concentration >= 50 %

Classification (Regulation (EC) No. 1272/2008)  
Skin Corr. 1B H314  
STOT SE 3 H335  
Eye Dam. 1 H318  
Met. Corr. 1 H290

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

#### After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

#### After skin contact

Wash off immediately with soap and water. Take medical treatment.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

#### After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly

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with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

## **Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

## **4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

## **4.3. Indication of any immediate medical attention and special treatment needed**

### **Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

#### **Non Suitable extinguishing media**

Compatible with all usual extinguishing media.

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

In case of combustion evolution of dangerous gases possible.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### **Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting 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**

Avoid contact with skin, eyes and clothing.

### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

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

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

### **6.4. Reference to other sections**

Refer to protective measures listed in sections 7 and 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid the formation and deposition of dust. Keep container tightly closed.

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

#### **Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed. Provide solvent-resistant and impermeable floor.

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## Storage class according to TRGS 510

Storage class according to TRGS 510

8B

Non-combustible corrosive hazardous substances

## 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Dust mask

#### Hand protection

Chemical resistant gloves

Appropriate Material	neoprene
Appropriate Material	vinyl
Appropriate Material	butyl rubber
Appropriate Material	nitrile

#### Eye protection

Safety glasses with side protection shield

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form</b>	solid
<b>Colour</b>	white
<b>Odour</b>	characteristic
<b>Odour threshold</b>	
Remarks	not determined
<b>pH value</b>	
Value	appr. 12
Concentration/H <sub>2</sub> O	10 %
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Remarks	not determined
<b>Flash point</b>	
Remarks	Not applicable
<b>Evaporation rate (ether = 1) :</b>	
Remarks	not determined

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## Flammability (solid, gas)

evaluation not determined

## Upper/lower flammability or explosive limits

Remarks not determined

## Vapour pressure

Remarks not determined

## Vapour density

Remarks not determined

## Density

Remarks not determined

## Solubility in water

Remarks not determined

## Solubility(ies)

Remarks not determined

## Partition coefficient: n-octanol/water

Remarks not determined

## Ignition temperature

Remarks not determined

## Decomposition temperature

Remarks not determined

## Viscosity

Remarks not determined

## Explosive properties

evaluation not determined

## Oxidising properties

Remarks Not applicable

## 9.2. Other information

### Other information

None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2. Chemical stability

No hazardous reactions known.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

No hazardous reactions known.

#### Decomposition temperature

Remarks not determined

### 10.5. Incompatible materials

Strong exothermic reaction with acids.

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## 10.6. Hazardous decomposition products

Irritant gases/vapours

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

Species	rat	
LD50	> 2000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

#### Acute dermal toxicity

Remarks not determined

#### Acute inhalational toxicity

Remarks not determined

#### Skin corrosion/irritation

evaluation corrosive

#### Serious eye damage/irritation

evaluation corrosive

#### Sensitization

Remarks not determined

#### Subacute, subchronic, chronic toxicity

Remarks not determined

#### Mutagenicity

Remarks not determined

#### Reproductive toxicity

Remarks not determined

#### Carcinogenicity

Remarks not determined

#### Specific Target Organ Toxicity (STOT)

Remarks Inhalation may lead to irritation of the respiratory tract.

#### Aspiration hazard

No special hazards have to be mentioned.

#### Experience in practice

Inhalation of dusts may irritate the respiratory tract.

#### Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

not determined

#### Fish toxicity (Components)

##### fatty alcohol, ethoxylated

Species	golden orfe (Leuciscus idus)	
LC50	0,6	mg/l
Method	DIN 38412 / Part 15	

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## Daphnia toxicity (Components)

fatty alcohol, ethoxylated

LC50 1,2 mg/l  
Method DIN 38412 / Part 11

## 12.2. Persistence and degradability

### General information

not determined

## 12.3. Bioaccumulative potential

### General information

not determined

### Partition coefficient: n-octanol/water

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### General information

not determined

## 12.6. Other adverse effects

### General information

not determined

### General information / ecology

Do not allow to enter soil, waterways or waste water canal.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

### Land transport ADR/RID

#### 14.1. UN number

UN 3253

#### 14.2. UN proper shipping name

DISODIUM TRIOXOSILICATE, mixture

#### 14.3. Transport hazard class(es)

Class 8

Label 8

#### 14.4. Packing group

Packing group III

Limited Quantity 5 kg

Transport category 3

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Tunnel restriction code E

## Marine transport IMDG/GGVSee

### 14.1. UN number

UN 3253

### 14.2. UN proper shipping name

DISODIUM TRIOXOSILICATE, mixture

### 14.3. Transport hazard class(es)

Class 8

### 14.4. Packing group

Packing group III

### 14.5. Environmental hazards

no

IMDG-Code segregation 18 Alkalis group

## Air transport ICAO/IATA

### 14.1. UN number

UN 3253

### 14.2. UN proper shipping name

DISODIUM TRIOXOSILICATE

### 14.3. Transport hazard class(es)

Class 8

### 14.4. Packing group

Packing group III

## Information for all modes of transport

### 14.6. Special precautions for user

See Sections 6 to 8

## Other information

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### Ingredients (Regulation (EC) No 648/2004)

##### 30 % and more:

phosphates

##### less than 5 %:

non-ionic surfactants

#### Water Hazard Class (Germany)

Water Hazard Class WGK 1

(Germany)

Remarks Classification according to Annex 4 VwVwS

#### VOC

VOC (EU) 0 %

#### Other information

The product does not contain substances of very high concern (SVHC).

### 15.2. Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.



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## SECTION 16: Other information

### R-phrases listed in Chapter 3

38	Irritating to skin.
50	Very toxic to aquatic organisms.

### Hazard statements listed in Chapter 3

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.