

Trade name: ProCare Lab 11 AP

Version: 5 / US

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Print date: 13.02.26

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

### **1.1. Product identifier**

ProCare Lab 11 AP

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

PC35                      Washing and cleaning products (including solvent based products)

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

#### **Address/Manufacturer**

Miele & Cie. KG  
Carl-Miele-Straße 29  
33241 Gütersloh  
Telephone no.            +49 5241 89 0  
Fax no.                    +49 5241 89 2090  
E-mail address of  
person responsible      sida@drweigert.de  
for this SDS

#### **Address/Supplier**

Miele Inc.  
9 Independence Way  
Princeton, NJ 08540  
Telephone no.            +1-800-991-9380

### **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 according to OSHA Hazard Communication Standard 29 CFR 1910:1200**

Classification according to OSHA Hazard Communication Standard 29 CFR 1910:1200

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

### **2.2. Label elements**

#### **Labelling according to OSHA Hazard Communication Standard 29 CFR 1910:1200**

##### **Hazard pictograms**



##### **Signal word**

Danger

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## Hazard statements

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

## Precautionary statements

### Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Response

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 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.

### Storage/Disposal

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

contains disodium metasilicate;sodium carbonate peroxyhydrate

## 2.3. Other hazards

### Supplemental information

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients according to OSHA Hazard Communication Standard 29 CFR 1910:1200

##### disodium metasilicate pentahydrate

CAS No.	10213-79-3				
Concentration	>=	25	<	50	%

##### sodium carbonate

CAS No.	497-19-8				
Concentration	>=	25	<	50	%

##### sodium carbonate peroxyhydrate

CAS No.	15630-89-4				
Concentration	>=	5	<	15	%

##### fatty alcohol, ethoxylated

CAS No.	146340-16-1				
Concentration	>=	0,1	<	1	%

## Other information

Complete text of hazard statements in chapter 16

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## **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 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**

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## 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

#### Recommended storage temperature

Value > 0 < 25 °C

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

#### 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

There are not known any further control parameters.

### 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. Particle filter P2

#### Hand protection

Chemical resistant gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Permanent hand contact

neoprene

>= 0,65

> 480

nitrile

>= 0,4

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Breakthrough time	>	480
Appropriate Material		butyl
Material thickness	>=	0,7
Breakthrough time	>	480
Use		Short-term hand contact
Appropriate Material		nitrile
Material thickness	>=	0,11
Hand protection must comply with EN 374.		

**Eye protection**

Safety glasses with side protection shield; Eye protection must comply with EN 166.

**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	>	13
Concentration/H <sub>2</sub> O		10 %
Temperature		20 °C
<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
<b>Flammability (solid, gas)</b>		
Remarks		not determined
<b>Upper/lower flammability or explosive limits</b>		
Remarks		Not applicable
<b>Vapour pressure</b>		
Remarks		not determined
<b>Vapour density</b>		
Remarks		not determined
<b>Density</b>		
Remarks		not determined
<b>Solubility in water</b>		
Remarks		soluble

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**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**Auto-ignition temperature**

Remarks Not applicable

**Decomposition temperature**

Remarks not determined

**Viscosity**

Remarks Not applicable

**Explosive properties**

evaluation no

**Oxidising properties**

evaluation None known

**9.2. Other information****Bulk density**Value appr. 970 kg/m<sup>3</sup>**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**

Contact with acids liberates irritant gases.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Species	rat		
ATE	>	2000	mg/kg

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Method calculated value (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

### Acute oral toxicity (Components)

#### sodium carbonate peroxyhydrate

Species rat  
 LD50 1034 mg/kg  
 Method Value taken from the literature

#### disodium metasilicate pentahydrate

Species rat  
 LD50 1150 to 1350 mg/kg

#### fatty alcohol, ethoxylated

Species rat  
 LD50 > 2000 mg/kg

#### sodium carbonate

Species rat  
 LD50 2800 mg/kg

### Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

### Acute dermal toxicity (Components)

#### sodium carbonate peroxyhydrate

Species rabbit  
 LD50 > 2000 mg/kg  
 Method OECD 402

#### sodium carbonate

Species rabbit  
 LD50 > 2000 mg/kg

### Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

### Acute inhalative toxicity (Components)

#### sodium carbonate

Species mouse  
 LC50 1,2 mg/l  
 Duration of exposure 2 h

#### sodium carbonate

Species rat  
 LC50 2,3 mg/l  
 Duration of exposure 2 h

### Skin corrosion/irritation

evaluation corrosive  
 Remarks The classification criteria are met.

### Skin corrosion/irritation (Components)

#### sodium carbonate peroxyhydrate

Remarks Based on available data, the classification criteria are not met.

### Serious eye damage/irritation

evaluation corrosive  
 Remarks The classification criteria are met.

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**Serious eye damage/irritation (Components)****sodium carbonate peroxyhydrate**

Species	rabbit eye
evaluation	irritant - risk of serious damage to eyes
Method	OECD 405

**Sensitization**

Remarks	Based on available data, the classification criteria are not met.
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**Sensitization (Components)****sodium carbonate peroxyhydrate**

Route of exposure	dermal
Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

**Subacute, subchronic, chronic toxicity**

Remarks	Based on available data, the classification criteria are not met.
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**Mutagenicity**

Remarks	Based on available data, the classification criteria are not met.
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**Reproductive toxicity**

Remarks	Based on available data, the classification criteria are not met.
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**Reproduction toxicity (Components)****sodium carbonate**

Remarks	No indications of toxic effects were observed in reproduction studies in animals.
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**Carcinogenicity**

Remarks	Based on available data, the classification criteria are not met.
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**National Toxicology Program (NTP)**

No component of this product present at levels greater than or equal to 0,1% is identified as a known or reasonably anticipated to be human carcinogen by NTP

**International Agency for research on Cancer (IARC)**

No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks	The classification criteria are met.
evaluation	May cause respiratory irritation.

**Repeated exposure**

Remarks	Based on available data, the classification criteria are not met.
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**Aspiration hazard**

Based on available data, the classification criteria are not met.

**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**

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## 12.1. Toxicity

### General information

not determined

### Fish toxicity (Components)

#### sodium carbonate peroxyhydrate

Species	Fathead minnow ( <i>Pimephales promelas</i> )	
LC50	70,7	mg/l
Duration of exposure	96	h

#### disodium metasilicate pentahydrate

Species	zebra fish ( <i>Brachydanio rerio</i> )	
LC50	210	mg/l
Duration of exposure	96	h

#### fatty alcohol, ethoxylated

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

#### sodium carbonate

Species	Bluegill ( <i>Lepomis macrochirus</i> )	
LC50	300	mg/l
Duration of exposure	96	h

### Daphnia toxicity (Components)

#### sodium carbonate peroxyhydrate

Species	Daphnia pulex	
EC50	4,9	mg/l
Duration of exposure	48	h

#### sodium carbonate peroxyhydrate

Species	Daphnia pulex	
NOEC	2	mg/l
Duration of exposure	48	h

#### disodium metasilicate pentahydrate

Species	Daphnia magna	
EC50	1700	mg/l
Duration of exposure	48	h

#### fatty alcohol, ethoxylated

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

#### sodium carbonate

Species	Ceriodaphnia spec	
EC50	200	to 227 mg/l
Duration of exposure	48	h

### Bacteria toxicity (Components)

#### sodium carbonate peroxyhydrate

Species	activated sludge	
EC50	466	mg/l
Duration of exposure	30	min

## 12.2. Persistence and degradability

### General information

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not determined

**Ready degradability (Components)**

fatty alcohol, ethoxylated

**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

**Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

**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**

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Completely emptied packagings can be given for recycling.  
Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

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	Ground transport DOT	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
IMDG-Code segregation group		18 Alkalis	
<b>14.1. UN number</b>	3253	3253	3253
<b>14.2. UN proper shipping name</b>	DISODIUM TRIOXOSILICATE	DISODIUM TRIOXOSILICATE	DISODIUM TRIOXOSILICATE
<b>14.3. Transport hazard class(es)</b>	8	8	8
Label			
<b>14.4. Packing group</b>	III	III	III
Limited Quantity	5 kg		
Transport category	3		
<b>14.5. Environmental hazards</b>		no	

## 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 Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### Other information

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

#### US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355)

The product does not contain any listed components.

#### US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

The product does not contain any listed components.

#### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

Warning! This product may contain trace quantities of substance(s) known to the state of California to

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cause cancer and/or reproductive toxicity – not added as a part of the formulation but remaining as residuals from the manufacturing process of our raw material suppliers.

## **SECTION 16: Other information**

### **Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
CAS: Chemical Abstracts Service  
VOC: Volatile Organic Compound  
LD: Lethal dose  
LC: Lethal concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
SVHC: Substances of very high concern  
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)  
IBC: Intermediate Bulk Container  
OEL: Occupational exposure limit  
TSCA: Toxic Substances Control Act (USA)  
IMO: International Maritime Organization  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
UN: United Nations

### **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.