

## Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

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

#### 1.1. Product identifier

Miele ProCare Lab 30 C

#### 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:

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

Emergency telephone number: 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2                      H319  
Skin Sens. 1                     H317  
Aquatic Chronic 3              H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

#### 2.2. Label elements

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

##### Hazard pictograms



##### Signal word

Warning

##### Hazard statements

H317                      May cause an allergic skin reaction.

## Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
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.  
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 2-octyl-2H-isothiazol-3-one

### 2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### citric acid

CAS No.	77-92-9				
EINECS no.	201-069-1				
Registration no.	01-2119457026-42				
Concentration	>= 25	<	50		%
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2		H319		
	STOT SE 3		H335		

##### 2-octyl-2H-isothiazol-3-one

CAS No.	26530-20-1				
EINECS no.	247-761-7				
Concentration	>= 0,0025	<	0,025		%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 2		H330		Route of exposure: inhalative
	Acute Tox. 3		H311		Route of exposure: dermal
	Acute Tox. 3		H301		Route of exposure: oral
	Skin Corr. 1		H314		
	Eye Dam. 1		H318		
	Skin Sens. 1A		H317		
	Aquatic Acute 1		H400		
	Aquatic Chronic 1		H410		

#### Concentration limits (Regulation (EC) No. 1272/2008)

Skin Sens. 1A	H317	>= 0,0015 %
Aquatic Acute 1		M = 100
Aquatic Chronic 1		M = 100

# Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

## Other information

Complete text of hazard statements in chapter 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, soaked clothing immediately and dispose of safely.

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

#### After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

#### After ingestion

Rinse mouth thoroughly with water.

#### 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

Full water jet

### 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

# Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

## 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

## 6.2. Environmental precautions

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

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

Pick up with absorbent material. 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 formation of aerosols. Observe the usual precautions for handling chemicals. Keep container tightly closed.

#### Advice on protection against fire and explosion

The product is not combustible.

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

#### Recommended storage temperature

Value > -3 < 30 °C

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Storage classes

Storage class according to TRGS 510 10-13 Other combustible and non-combustible 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

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work.

#### Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

#### Hand protection

Chemical resistant gloves  
Use Permanent hand contact

## Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

Appropriate Material	neoprene		
Material thickness	>=	0,65	mm
Breakthrough time	>	480	min
Appropriate Material	nitrile		
Material thickness	>=	0,4	mm
Breakthrough time	>	480	min
Appropriate Material	butyl		
Material thickness	>=	0,7	mm
Breakthrough time	>	480	min
Use	Short-term hand contact		
Appropriate Material	nitrile		
Material thickness	>=	0,11	mm
Hand protection must comply with EN 374.			

### Eye protection

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

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	liquid		
<b>Colour</b>	colourless		
<b>Odour</b>	odourless		
<b>Melting point</b>			
Remarks	not determined		
<b>Freezing point</b>			
Remarks	not determined		
<b>Boiling point or initial boiling point and boiling range</b>			
Value	>	100	°C
<b>Flammability</b>			
evaluation	Not applicable		
<b>Upper and lower explosive limits</b>			
Remarks	Not applicable		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Ignition temperature</b>			
Remarks	Not applicable		
<b>Decomposition temperature</b>			
Remarks	not determined		
<b>pH value</b>			
Value	appr.	1,0	
Temperature		20	°C
<b>Viscosity</b>			
<b>dynamic</b>			
Value	<	10	mPa.s

**Miele ProCare Lab 30 C**

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

Temperature 20 °C

**Solubility(ies)**

Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**Value 1,17 g/cm<sup>3</sup>

Temperature 20 °C

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks miscible in all proportions

**Explosive properties**

evaluation no

**Oxidising properties**

evaluation None known

**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.

**10.5. Incompatible materials**

Reactions with alkalis.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Miele ProCare Lab 30 C**

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

**Acute oral toxicity**

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

**Acute oral toxicity (Components)****citric acid**Species rat  
LD50 11700 mg/kg**citric acid**Species mouse  
LD50 5040 mg/kg**Acute dermal toxicity**

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

**Acute inhalational toxicity**

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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**evaluation irritant  
Remarks The classification criteria are met.**Sensitization**evaluation May cause sensitization by skin contact.  
Remarks The classification criteria are met.**Subacute, subchronic, chronic toxicity**

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

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity**

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

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

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

**Repeated exposure**

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

**Aspiration hazard**

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

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

**Experience in practice**

Inhalation may lead to irritation of the respiratory tract.

**Other information**

# Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

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)

##### citric acid

Species	golden orfe ( <i>Leuciscus idus</i> )		
LC50	440	to	706
Duration of exposure	96	h	mg/l

#### Daphnia toxicity (Components)

##### citric acid

Species	Daphnia magna		
EC50	120		mg/l
Duration of exposure	72	h	

### 12.2. Persistence and degradability

#### General information

not determined

#### Ready degradability (Components)

##### citric acid

### 12.3. Bioaccumulative potential

#### General information

not determined

#### Partition coefficient n-octanol/water (log value)

Remarks not determined

### 12.4. Mobility in soil

#### General information

not determined

### 12.5. Results of PBT and vPvB assessment

#### Results of PBT and vPvB assessment

The product contains no PBT or vPvB substances.

### 12.6 Endocrine disrupting properties

#### Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

### 12.7. Other adverse effects

#### General information

not determined

#### General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.



## Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations for the product

EWC waste code 18 01 06\* chemicals consisting of or containing dangerous substances

EWC waste code 20 01 29\* detergents containing dangerous substances

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

EWC waste code 15 01 02 plastic packaging

Completely emptied packagings can be given for recycling.

EWC waste code 15 01 10\* packaging containing residues of or contaminated by dangerous substances

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	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

#### Information for all modes of transport

##### 14.6. Special precautions for user

See Sections 6 to 8

##### Other information

##### 14.7 Maritime transport in bulk according to IMO instruments

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)

##### Further ingredients

preservation agents: 2-octyl-2H-isothiazol-3-one

##### VOC

VOC (EU) 0 %

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to

**Miele ProCare Lab 30 C**

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

**Regulation (EC) 1272/2008 [CLP]:**

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

Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Chronic 3	H412

**Hazard statements listed in Chapter 2/3**

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**CLP categories listed in Chapter 2/3**

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1	Skin corrosion, Category 1
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

**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  
IBC: Intermediate Bulk Container  
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)  
ISO: International Organization for Standardization  
OECD: Organisation for Economic Co-operation and Development  
IMO: International Maritime Organization  
UN: United Nations  
EU: European Union

**Supplemental information**

Safety data sheet in accordance with regulation (EC) No 1907/2006

## Miele ProCare Lab 30 C

Version: 4 / GB

Replaces Version: 3 / GB Date revised: 13.04.2022

Print date: 21.12.22

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.