Safety data sheet in accordance with Hazardous Products Regulations Schedule 1

ProCare Lab 10 AP

Version: 4 / CA Replaces Version: 3 / CA Date revised: 13.02.2026 Print date: 13.02.26

1. Identification

1.1. Product identifier

ProCare Lab 10 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 Ltd.
161 Four Valley Drive
Vaughan, ON L4K 4V8

Telephone no.	+1-888-325-3957
E-mail address of person responsible for this SDS	sida@drweigert.de

Manufacturer:

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

1.4. Emergency telephone number

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

2. Hazard identification

2.1. Classification of the substance or mixture

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

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

Acute Tox. 4	H302
Skin Corr. 1A	H314
Eye Dam. 1	H318
Met. Corr. 1	H290

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

Danger

Hazard statements

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

Precautionary statements

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 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. 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 potassium hydroxide

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/Information on ingredients ***

3.2. Mixtures

Hazardous ingredients ***

potassium hydroxide

CAS No.	1310-58-3			
EINECS no.	215-181-3			
Registration no.	01-2119487136-33			
Concentration	>= 25	< 50	%	
Classification (Regulation (EC) No. 1272/2008)				
	Met. Corr. 1	H290		
	Acute Tox. 4	H302		Route of exposure: oral
	Skin Corr. 1A	H314		
	Eye Dam. 1	H318		

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

Eye Irrit. 2	H319	>= 0,5 < 2 %
Skin Corr. 1A	H314	>= 5 %
Skin Corr. 1B	H314	>= 2 < 5 %
Skin Irrit. 2	H315	>= 0,5 < 2 %

Other information

Complete text of hazard statements in chapter 16

4. First-aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When spray fog inhaled, seek medical aid.

After skin contact

After contact with skin, wash immediately with plenty of water. Take medical treatment.

After eye contact

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

5. Fire-fighting 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.

6. Accidental release measures

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.

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	>	0	< 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 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

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. Hold emergency shower 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. Clean skin thoroughly after work; apply skin cream.

Respiratory protection
If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Particle filter P2

Hand protection
Chemical resistant gloves

Use	Permanent hand contact	
Appropriate Material	neoprene	
Material thickness	>=	0,65

Breakthrough time	>	480
Appropriate Material	nitrile	
Material thickness	>=	0,4
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.

Body protection

Clothing as usual in the chemical industry. Protective shoes

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form liquid, clear

Colour colourless to yellowish

Odour characteristic

Odour threshold

Remarks not determined

pH value

Value	>	14	
Temperature		20	°C

Melting point

Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Remarks Not applicable

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

evaluation Not applicable

Upper/lower flammability or explosive limits

Remarks Not applicable

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

Density

Value		1,38		g/cm³
Temperature		20	°C	

Solubility in water
Remarks: miscible in all proportions

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

dynamic

Value	<	50		mPa.s
Temperature		20	°C	

Explosive properties
evaluation: no

Oxidising properties
evaluation: None known

9.2. Other information

Other information
None known

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. Corrodes aluminium.

10.6. Hazardous decomposition products
No hazardous decomposition products known.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE	1000	to	2000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)			
Remarks	The classification criteria are met.			

Acute oral toxicity (Components)

potassium hydroxide ...%

Species	rat	
LD50	333	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

evaluation: strongly corrosive
Remarks: The classification criteria are met.

Serious eye damage/irritation

evaluation: strongly corrosive
Remarks: The classification criteria are met.

Sensitization

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

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

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

12. Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

potassium hydroxide ...%

Species	mosquito fish		
LC50	80		mg/l
Duration of exposure	24	h	
Source	ECHA		

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

Evaluation of persistance 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. Avoid release into the atmosphere.

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.

14. Transport information

	Land transport TDG	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
IMDG-Code segregation group		18 Alkalis	
14.1. UN number	1814	1814	1814
14.2. UN proper shipping name	POTASSIUM HYDROXIDE SOLUTION	POTASSIUM HYDROXIDE SOLUTION	POTASSIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es)	8	8	8
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 l		
Transport category	2		
14.5. Environmental hazards		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

15. Regulatory information ***

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

Other regulations, restrictions and prohibition regulations

Observe employment restrictions for young people.

Other information

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

15.2. Chemical safety assessment

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

16. Other information

Hazard statements listed in Chapter 3

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A

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
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
CAS: Chemical Abstracts Service
ISO: International Organization for Standardization
OEL: Occupational exposure limit
OECD: Organisation for Economic Co-operation and Development
UN: United Nations
IMO: International Maritime Organization

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.