

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

1. Identification

1.1. Product identifier

ProCare Dent 10 MA

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

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/Information on ingredients

3.2. Mixtures

Hazardous ingredients

fatty alcohols, alkoxylated

CAS No. 120313-48-6

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

Concentration	>=	0,1	<	1	%
Classification (Regulation (EC) No. 1272/2008)					
		Skin Irrit. 2		H315	
		Aquatic Acute 1		H400	
		Aquatic Chronic 3		H412	

Further ingredients

2,2',2"-nitrilotriethanol

CAS No.	102-71-6				
EINECS no.	203-049-8				
Registration no.	01-2119486482-31				
Concentration	>=	10	<	25	% [3]

Note

[3] Substance with occupational exposure limits

Other information

Complete text of hazard statements in chapter 16

4. First-aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

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

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

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.

5.2. Special hazards arising from the substance or mixture

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

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 surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

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 protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value > 0 < 25 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Do not store together with foodstuffs.

Storage class according to TRGS 510

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

Further information on storage conditions

Protect from heat and direct sunlight. Keep container tightly closed and dry.

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

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

Observe the usual precautions for handling chemicals.

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. Particle filter P2

Hand protection

Chemical resistant gloves

Use Permanent hand contact

Appropriate Material neoprene

Material thickness \geq 0,65

Breakthrough time $>$ 480

Appropriate Material nitrile

Material thickness \geq 0,4

Breakthrough time $>$ 480

Appropriate Material butyl

Material thickness \geq 0,7

Breakthrough time $>$ 480

Use Short-term hand contact

Appropriate Material nitrile

Material thickness \geq 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

Not necessary.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form liquid

Colour yellowish to brownish, clear

Odour characteristic

Odour threshold

Remarks not determined

pH value

Value appr. 10,1
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)

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

evaluation Not applicable

Upper/lower flammability or explosive limits

Remarks Not applicable

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

DensityValue 1,07 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 < 10 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

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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

ATE	> 2000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	
Remarks	Based on available data, the classification criteria are not met.	

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

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

Other information

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

12. Ecological information**12.1. Toxicity**

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

General information

not determined

Fish toxicity (Components)**fatty alcohols, alkoxyated**

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	> 1	to	10	mg/l
Duration of exposure	96	h		

Daphnia toxicity (Components)**fatty alcohols, alkoxyated**

Species	Daphnia magna			
EC50	> 0,1	to	1	mg/l
Duration of exposure	48	h		
Method	OECD 202			

Algae toxicity (Components)**fatty alcohols, alkoxyated**

Species	Scenedesmus subspicatus			
EC50	> 0,1	to	1	mg/l
Duration of exposure	72	h		
Method	OECD 201			

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**Evaluation of persistence and bioaccumulation potential**

The product contains no PBT substances
The product contains no vPvB substances.

12.6. Other adverse effects**General information**

not determined

General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

13. Disposal considerations

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

Print date: 05.02.25

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
14.1. UN 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. 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

Ingredients (Regulation (EC) No 648/2004)

less than 5 %:

anionic surfactants, non-ionic surfactants

Further ingredients

enzymes

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

H315

Causes skin irritation.

H400

Very toxic to aquatic life.

H412

Harmful to aquatic life with long lasting effects.

ProCare Dent 10 MA

Version: 4 / CA

Replaces Version: 3 / CA Date revised: 01.11.2024

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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
Skin Irrit. 2	Skin irritation, Category 2

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
UN: United Nations
CAS: Chemical Abstracts Service
OECD: Organisation for Economic Co-operation and Development
GHS: Globally Harmonized System of classification and Labelling of Chemicals
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
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
ASTM: American Society for Testing And Materials
TSCA: Toxic Substances Control Act (USA)
WHO: World Health Organization
IMO: International Maritime Organization
IUCLID: International Uniform Chemical Information Database

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.