

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

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

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 & 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

2.3. Other hazards

Supplemental information

EUH210 Safety data sheet available on request.
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

fatty alcohols, alkoxyated

CAS No. 120313-48-6
Concentration >= 0,1 < 1 %

Further ingredients

2,2',2"-nitrilotriethanol

CAS No. 102-71-6
EINECS no. 203-049-8

Trade name: ProCare Dent 10 MA

Version: 4 / US Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

Registration no. 01-2119486482-31
Concentration \geq 10 < 25 % [3]

[3] Substance with occupational exposure limits

Other information

Complete text of hazard statements in chapter 16

SECTION 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.

SECTION 5: Firefighting 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

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.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing.

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

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.

SECTION 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

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

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

Appropriate Material

Permanent hand contact

neoprene

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

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

Not necessary.

SECTION 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)	
Not applicable	
Upper/lower flammability or explosive limits	
Remarks	Not applicable
Vapour pressure	
Remarks	not determined
Vapour density	
Remarks	not determined

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

Density

Value	1,07		g/cm ³
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

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

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

SECTION 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.
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Acute inhalational toxicity

Remarks	Based on available data, the classification criteria are not met.
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Skin corrosion/irritation

Remarks	Based on available data, the classification criteria are not met.
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Serious eye damage/irritation

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

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

Components of this product, which are identified as known or reasonably anticipated to be human carcinogen by IARC, contained greater than or equal to 0,1 %: 2,2',2"-nitrilotriethanol

Specific Target Organ Toxicity (STOT)

Single exposure

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

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

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US 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.

SECTION 13: Disposal considerations

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

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

	Ground transport DOT	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

SECTION 15: Regulatory information

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

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302Extremely 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 313Toxic 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 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

Trade name: ProCare Dent 10 MA

Version: 4 / US

Replaces Version: 3 / US Date revised: 01.11.2024

Print date: 05.02.25

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.