

* ProCare Tex 11

Date revised: 20.09.2022

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Master No. MA-200

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

1.1. Product identifier

Trade name

ProCare Tex 11 Miele

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Detergent

1.3. Details of the supplier of the safety data sheet

Address/Supplier

Miele & Cie. KG
Carl-Miele-Str. 29
33332 Gütersloh
Telephone no. +49 5241 89 0
Fax no. +49 5241 89 2090
Web: www.miele-professional.com

Address/Manufacturer

BÜFA Reinigungssysteme GmbH & Co. KG
August-Hanken-Str. 30
26125 Oldenburg
Telephone no. +49 441 9317 0
Fax no. +49 441 9317 100
Information provided by / telephone Department product safety / +49 441 9317 108
E-Mail produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Poison Information Center Goettingen: +49 551 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Irrit. 2 H319

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

* ProCare Tex 11

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H319 Causes serious eye irritation.

Precautionary statements

P280.9 Wear eye 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.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Sodium dodecylbenzenesulfonate;Alcohol C12-C14, ethoxylated (>2-5 EO);sodium carbonate peroxyhydrate

2.3. Other hazards

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

Sodium carbonate

CAS No. 497-19-8
 EINECS no. 207-838-8
 Registration no. 01-2119485498-19-XXXX
 Concentration \geq 25 $<$ 50 %
 Eye Irrit. 2 H319

sodium carbonate peroxyhydrate

CAS No. 15630-89-4
 EINECS no. 239-707-6
 Registration no. 01-2119457268-30-XXXX
 Concentration \geq 1 $<$ 10 %
 Acute Tox. 4 H302
 Eye Dam. 1 H318
 Ox. Sol. 3 H272

Concentration limits (Regulation (EC) No. 1272/2008)
 Eye Dam. 1 H318 \geq 25 %
 Eye Irrit. 2 H319 \geq 10 < 25 %
 ATE oral 1034

Sodium dodecylbenzenesulfonate

CAS No. 25155-30-0
 EINECS no. 246-680-4
 Registration no. 01-2120088038-51-XXXX
 Concentration \geq 1 $<$ 10 %
 Acute Tox. 4 H302
 Skin Irrit. 2 H315
 Eye Dam. 1 H318

Alcohol C12-C14, ethoxylated (>2-5 EO)

CAS No. 68439-50-9
 EINECS no. 500-213-3
 Registration no. 01-2119487984-16-XXXX

* ProCare Tex 11

Date revised: 20.09.2022

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Version: 4 / GB

Master No. MA-200

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Concentration	>=	1	<	10	%
Eye Irrit. 2		H319			
Aquatic Acute 1		H400			
Aquatic Chronic 3		H412			

Sodium palmitat

CAS No.		408-35-5			
EINECS no.		206-988-1			
Concentration	>=	1	<	10	%
Eye Irrit. 2		H319			

For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

There is no further relevant information available

4.3. Indication of any immediate medical attention and special treatment needed

There is no further relevant information available

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Dry powder, Water spray jet, Foam

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Fire residues must be disposed of in a proper manner.

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

Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol. Use personal protective clothing.

6.2. Environmental precautions

* ProCare Tex 11

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Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

When picked up, treat material as prescribed under Section 13 "Disposal".

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

Avoid dust formation. Provide exhaust ventilation if dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

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

Keep container tightly closed, cool and dry.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

List

There is not known any national exposure limit.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. The following information on personal protective equipment (PPE) is to be understood as a suggestion. The selection of the necessary PPE must be considered by the employer depending on the activities to be carried out and the local conditions. If it is determined during the on-site risk assessment that there is no danger to the employee, there is no need to wear PPE or the scope of the PPE to be used can be adjusted accordingly.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Short term: filter apparatus, Filter P3

Hand protection

Chemical resistant gloves

Appropriate Material

nitrile

Material thickness

> 0,35 mm

Breakthrough time

> 480 min

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Powder

* ProCare Tex 11

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Colour	white
Odour	Product specific
Melting point	
Remarks	Not determined
Explosion limits	
Remarks	irrelevant (solid)
Flash point	
Remarks	Not applicable
Ignition temperature	
Remarks	irrelevant (solid)
Thermal decomposition	
Remarks	Not relevant
pH value	
Value	10 to 11
Solubility in other solvents	
	Not determined
Octanol/water partition coefficient (log Pow)	
Remarks	Not determined
Vapour pressure	
Remarks	Not determined
Vapour density	
Remarks	irrelevant (solid)
Particle characteristics	
Remarks	Not determined
9.2. Other information	
Solubility in water	
Remarks	soluble
Bulk density	
Bulk density	appr. 0,62 g/cm ³

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect against wetness.

Thermal decomposition

Remarks Not relevant

10.5. Incompatible materials

No hazardous reactions when stored and handled according to prescribed instructions.

10.6. Hazardous decomposition products

* ProCare Tex 11

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Master No. MA-200

Print date: 16.12.2022

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE	5.838	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	
Based on available data, the classification criteria are not met.		

Acute oral toxicity (Components)

sodium carbonate peroxyhydrate

Species	rat	
LD50	1034	mg/kg

Acute dermal toxicity

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

Acute dermal toxicity (Components)

No toxicological data are available.

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

No toxicological data are available.

Skin corrosion/irritation

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

Serious eye damage/irritation

evaluation	corrosive
The classification criteria are met.	

Sensitization

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

Sensitization (Components)

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity

* ProCare Tex 11

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Master No. MA-200

Print date: 16.12.2022

sodium carbonate peroxyhydrate

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

Daphnia toxicity**sodium carbonate peroxyhydrate**

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

Algae toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow)

Remarks Not determined

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances. The product contains no 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

For this subsection there is no ecotoxicological data available on the product as such.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee
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.

SECTION 15: Regulatory information ***

Ingredients (Regulation (EC) No 648/2004)

5 % or over but less than 15 %: ***

oxygen-based bleaching agents, zeolites, anionic surfactants

less than 5 %: ***

non-ionic surfactants, soap, polycarboxylates

Further ingredients

enzymes, perfumes, optical brighteners

VOC

VOC (EU) 0 %

Other information

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

The HSNO Approval Number for this Group Standard is HSR002526.

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 Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2 H319 Calculation method

Hazard statements listed in Chapter 2/3

H272 May intensify fire; oxidizer.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H400 Very toxic to aquatic life.
 H412 Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 4 Acute toxicity, Category 4
 Aquatic Acute 1 Hazardous to the aquatic environment, acute, 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
 Ox. Sol. 3 Oxidising solid, Category 3
 Skin Irrit. 2 Skin irritation, Category 2

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

IMDG: International Maritime Code for Dangerous Goods

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CAS: Chemical Abstracts Service
EINECS: European Inventory of Existing Commercial Chemical Substances
EAK: Europäischer Abfallkatalog
VOC: Volatile Organic Compound
GefStoffV: Gefahrstoffverordnung
TA Luft: Technische Anleitung zur Reinhaltung der Luft
INCI: International Nomenclature of Cosmetic Ingredients
n.a.g.: nicht anders genannt
MAK: Maximale Arbeitsplatz-Konzentration
AGW: Arbeitsplatzgrenzwert
BGW: Biologischer Grenzwert
TRGS: Technische Regeln für Gefahrstoffe
OEL: Occupational exposure limit
SUVA: Schweizerische Unfallversicherungsanstalt
WEL: Workplace exposure limit
MAC: Maximale aanvaarde concentratie (Netherlands)
MEL: Maximum exposure limits
NOEL: No observable effect level
NOEC: No observable effect concentration
LD: Lethal dose
LC: Lethal concentration
LLC: Lowest lethal concentration
SVHC: Substances of very high concern
DNEL: Derived no effect level
DMEL: Derived minimal effect level
PNEC: Predicted no effect concentration
PEC: Predicted environmental concentration
WHO: World Health Organization
GHS: Globally Harmonized System of classification and Labelling of Chemicals
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
UN: United Nations
EG: Europäische Gemeinschaft
EWG: Europäische Wirtschaftsgemeinschaft
EU: European Union
GGVSee: Gefahrgutverordnung See
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
HSNO: Hazardous Substances and New Organisms Act (New Zealand)
ATE: Acute Toxicity Estimate
STOT: Specific Target Organ Toxicity

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.