

\* ProCare Tex 10 B+

Date revised: 26.06.2023

# 8769997220

Version: 1 / WORLD

Master No. MA-211

Print date: 27.06.2023

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

### **1.1. Product identifier**

**Trade name**

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

**Use of the substance/mixture**

Detergents

### **1.3. Details of the supplier of the safety data sheet**

**Address/Supplier**

Miele & Cie. KG  
Carl-Miele-Str. 29  
33332 Gütersloh  
Telephone no.  
Fax no.  
Web:

+49 5241 89 0  
+49 5241 89 2090  
www.miele-professional.com

**Address/Manufacturer**

BÜFA Cleaning GmbH & Co. KG  
August-Hanken-Str. 30  
26125 Oldenburg  
Telephone no.  
Fax no.  
Information provided  
by / telephone  
E-Mail

+49 441 9317 0  
+49 441 9317 100  
Department product safety / +49 441 9317 108  
sds-cleaning@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 Dam. 1 H318

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**

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H318 Causes serious eye damage.

**Precautionary statements**

P280.6 Wear eye/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.  
 P310 Immediately call a POISON CENTER or doctor.

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

contains Isotridecanol, ethoxylated

**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**

**Isotridecanol, ethoxylated**

CAS No. 69011-36-5  
 EINECS no. 931-138-8  
 Registration no. IRRELEVANT (POLYMER)  
 Concentration  $\geq 10$  < 25 %  
 Acute Tox. 4 H302  
 Eye Dam. 1 H318

Concentration limits (Regulation (EC) No. 1272/2008)  
 Eye Irrit. 2 H319 > 1 < 10 %  
 Eye Dam. 1 H318  $\geq 10$  %  
 ATE oral 1.000 mg/kg

**2-(2-butoxyethoxy)ethanol**

CAS No. 112-34-5  
 EINECS no. 203-961-6  
 Registration no. 01-2119475104-44-XXXX  
 Concentration  $\geq 1$  < 10 %  
 Eye Irrit. 2 H319

**isotridecanol,ethoxylated ( $\geq 2.5$  EO)**

CAS No. 69011-36-5  
 EINECS no. 931-138-8  
 Registration no. 01-2119976362-32-XXXX  
 Concentration  $\geq 1$  < 10 %  
 Eye Irrit. 2 H319  
 Aquatic Chronic 3 H412

**Alcohols, C12-15-branched and linear, ethoxylated, propoxylated (> 2.5 EO/PO)**

CAS No. 120313-48-6  
 Concentration  $\geq 1$  < 10 %  
 Skin Irrit. 2 H315  
 Aquatic Acute 1 H400  
 Aquatic Chronic 3 H412

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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. In the event of symptoms take medical treatment.

#### **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**

Carbon dioxide, Dry powder, Water spray jet

### **5.2. Special hazards arising from the substance or mixture**

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

### **5.3. Advice for firefighters**

Cool endangered containers with water spray jet.

## **SECTION 6: Accidental release measures**

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

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

### **6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). 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**

Observe the usual precautions for handling chemicals.

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

Emptied containers may contain product residues and therefore must be handled with care. Reuse only

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

### 7.3. Specific end use(s)

No information available

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

#### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards. 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

Not necessary.

#### Hand protection

Chemical resistant gloves

Appropriate Material	nitrile		
Material thickness	>=	0,6	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

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>Boiling point</b>	
Remarks	not determined
<b>Flammability</b>	
evaluation	not determined
<b>Explosion limits</b>	
Remarks	not determined
<b>Flash point</b>	
Value	> 100 °C

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**Ignition temperature**

Remarks not determined

**Thermal decomposition**

Remarks Not relevant

**pH value**

Value appr. 7,5

**Viscosity**

Value appr. 20 s

Method DIN 53211 4 mm

**Solubility in other solvents**

not determined

**Octanol/water partition coefficient (log Pow)**

Remarks Not relevant

**Vapour pressure**

Remarks not determined

**Density**

Value appr. 1,0 kg/l

**Vapour density**

Remarks not determined

**Particle characteristics**

Remarks irrelevant (liquid)

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

Remarks No data available

**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 from heat and direct sunlight.

**Thermal decomposition**

Remarks Not relevant

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

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

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ATE	9.259	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	
Based on available data, the classification criteria are not met.		

**Acute oral toxicity (Components)**

**Isotridecanol, ethoxylated**

ATE	1000	mg/kg
Source	Estimated value	

**Alcohols, C12-15-branched and linear, ethoxylated, propoxylated (> 2.5 EO/PO)**

> 2000

**Acute dermal toxicity**

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

**Acute inhalational toxicity**

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

**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.

**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.

**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.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Fish toxicity**

**2-(2-butoxyethoxy)ethanol**

Reference substance	2-(2-butoxyethoxy)ethanol	
Species	sun perch	
LC50	1300	mg/l
Duration of exposure	96	h

**Daphnia toxicity**

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**2-(2-butoxyethoxy)ethanol**

Reference substance	2-(2-butoxyethoxy)ethanol		
Species	Daphnia magna		
EC50	>	100	mg/l
Duration of exposure	48	h	
Reference substance	2-(2-butoxyethoxy)ethanol		
Species	Daphnia magna		
NOEC		112	mg/l
Duration of exposure	14	d	

**Algae toxicity**

**2-(2-butoxyethoxy)ethanol**

Reference substance	2-(2-butoxyethoxy)ethanol		
Species	Desmodesmus subspicatus		
ErC50	>	100	mg/l
Duration of exposure	72	h	
Method	OECD 201		

**Bacteria toxicity**

**2-(2-butoxyethoxy)ethanol**

Reference substance	2-(2-butoxyethoxy)ethanol		
Species	activated sludge		
EC10	>	1995	mg/l
Duration of exposure	30	min	
Source	Literature value		

**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.

**Biodegradability**

**2-(2-butoxyethoxy)ethanol**

Reference substance	2-(2-butoxyethoxy)ethanol		
Value	89	to	93 %
Duration of test evaluation	28	d	
Method	readily degradable OECD 301 C		

**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 relevant

**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.

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## **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**

	<b>Land transport ADR/RID</b>	<b>Marine transport IMDG/GGVSee</b>
<b>14.1. UN number</b>	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.
<b>14.2. UN proper shipping name</b>	-	-
<b>14.3. Transport hazard class(es)</b>	-	-
<b>14.4. Packing group</b>	-	-
Label		
<b>14.5. Environmental hazards</b>	-	-

### **Information for all modes of transport**

#### **14.6. Special precautions for user**

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### **Other information**

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

Not relevant

## **SECTION 15: Regulatory information**

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

#### **Ingredients (Regulation (EC) No 648/2004)**

#### **Other information**

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

### **15.2. Chemical safety assessment**

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



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## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Dam. 1                      H318                      Calculation method

### Hazard statements listed in Chapter 2/3

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  
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  
GGVSee: Gefahrgutverordnung See  
IMDG: International Maritime Code for Dangerous Goods  
CAS: Chemical Abstracts Service  
EAK: Europäischer Abfallkatalog  
EINECS: European Inventory of Existing Commercial Chemical Substances  
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  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
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

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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

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.