

Safety data sheet

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according to Regulation (EC) No 1907/2006, Article 31

Printing date: 14.03.2024

Revision: 14.03.2024

Version number 2.0 (replaces version 1.1)

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

1.1 Product identifier

Identification of the substance/preparation: Scanpart Airfryer cleaner

UFI: G5QM-ADCN-AA09-7KH7

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

Application of the substance / the mixture Cleaning material/ Detergent

Uses advised against No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification:

Menz + Könecke GmbH

An der Beek 255

D-41372 Niederkrüchten

+49 (0)2163 594 0

www.menz.de

Further information obtainable from: E-Mail: info@menz.de

1.4 Emergency telephone number: Poison Information Center North + 49 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

Regulation (EC) No 648/2004 on detergents / Labelling for contents

phosphates, non-ionic surfactants	<5%
perfumes (LIMONENE)	

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Cleansing agent

Dangerous components:

CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	1-5%
CAS: 7320-34-5 EINECS: 230-785-7 Reg.nr.: 01-2119489369-18	tetrapotassium pyrophosphate ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319	1-5%

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Identification of the substance/preparation: Scanpart Airfryer cleaner**Additional information:** For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures**4.1 Description of first aid measures****General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:**

Rinse with warm water.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water.**After swallowing:**

Do not induce vomiting.

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.**5.2 Special hazards arising from the substance or mixture**

Danger of forming toxic pyrolysis products.

Carbon oxides (CO_x)Nitrogen oxides (NO_x)Phosphorus oxides (e.g. P₂O₅)**5.3 Advice for firefighters****Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

Additional information

Do not inhale explosion gases or combustion gases.

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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

Particular danger of slipping on leaked/spilled product.

Avoid contact with the eyes and skin.

Wear protective clothing.

6.2 Environmental precautions:

Prevent from spreading (e.g. by damming-in or oil barriers).

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Identification of the substance/preparation: Scanpart Airfryer cleaner

(Contd. of page 2)

6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Observe information on the label and follow instructions for use.

Avoid contact with eyes.

See Section 8 for information on personal protection equipment.

No special measures required.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Observe the notes from TRGS 510 regarding joint storage of hazardous substances.

Further information about storage conditions: Keep out of reach of children.

Storage class: 10

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values:

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

AGW (Germany)	Long-term value: 67 mg/m ³ , 10 ppm 1,5(l);EU, DFG, Y, 11
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DNELs

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	Systemic effect, long-term exposure	5 mg/kg bw/day (General population)
Dermal	Systemic effect, long-term exposure	50 mg/kg bw/day (General population)
		83 mg/kg bw/day (Workers)
Inhalative	Systemic effect, long-term exposure	40,5 mg/m ³ (General population)
		67,5 mg/m ³ (Workers)
	Local effect, long-term exposure	40,5 mg/m ³ (General population)
		67,5 mg/m ³ (Workers)
	Local effect, short-term exposure	101,2 mg/m ³ (Workers)

CAS: 7320-34-5 tetrapotassium pyrophosphate

Oral	Systemic effect, long-term exposure	>70 mg/kg bw/day (General population)
Inhalative	Systemic effect, long-term exposure	4,35 mg/m ³ (General population)
		17,63 mg/m ³ (Workers)

PNECs

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Water	1,1 mg/l (Fresh water)
	0,11 mg/l (Marine water)
Sewage treatment plant (STP)	200 mg/l (Microorganisms)

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Identification of the substance/preparation: Scanpart Airfryer cleaner

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Sediment	4,4 mg/kg dw (Fresh water) 0,44 mg/kg dw (Marine water)
Soil	0,32 mg/kg soil dw (Soil)
Secondary poisoning, oral	56 mg/kg Futter (Predator)
CAS: 7320-34-5 tetrapotassium pyrophosphate	
Water	0,05 mg/l (Fresh water) 0,005 mg/l (Marine water)
Sewage treatment plant (STP)	50 mg/l (l)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Use suitable respiratory protective device when high concentrations are present.

Filter A-P2

Hand protection

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Avoid direct contact with the chemical/ the product/ the preparation by organisational measures.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR

Recommended thickness of the material: ≥ 0,5 mm

Value for the permeation: Level 6

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye/face protection Goggles recommended during refilling

Body protection: Not required.

Environmental exposure controls Follow instructions for use, dosage and waste disposal.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Fluid
Colour:	Light blue
Odour:	lemony
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.

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Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	>60 °C (Seta Flash Closed Cup)
Decomposition temperature:	Not determined.
pH at 20 °C	10-<11,5
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not relevant Not determined.
Density and/or relative density	
Density at 20 °C:	1,016 g/cm ³
Relative density	Not determined.
Vapour density	Not relevant Not determined.

9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Organic solvents:	2,2 %
VOC (EC)	~2 % 2,19 %
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void

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Desensitised explosives	Void
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SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability No decomposition if used and stored according to specifications.

Conditions to avoid: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

Contact with incompatible materials.

Protect from heat and direct sunlight.

10.5 Incompatible materials:

strong alkalis

strong acids

strong oxidising agents

Strong reducing agents

10.6 Hazardous decomposition products:

Thermal decomposition:

Carbon oxides (COx)

Nitrogen oxides (NOx)

Phosphorus oxides (e.g. P2O5)

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

LD/LC50 values relevant for classification:		
Oral	LD50 ₅₀	>5.000 mg/kg/bw (calculated value)
Dermal	LD ₅₀	>5.000 mg/kg/bw (calculated value)
Inhalative	LC ₅₀ /4h	>20 mg/l (calculated value)

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50 ₅₀	5.660 mg/kg/bw (Rat)
Dermal	LD ₅₀	4.000 mg/kg/bw (Rabbit)
Inhalative	LC ₅₀ /4h	>0,136 mg/l (Rat)

CAS: 7320-34-5 tetrapotassium pyrophosphate

Oral	LD50 ₅₀	>2.000 mg/kg/bw (Mouse) 2.440 mg/kg/bw (Rat)
Dermal	LD ₅₀	>7.940 mg/kg/bw (Rabbit)
Inhalative	LC ₅₀ /4h	>1,1 mg/l (Rat) (OECD 403)

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

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

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

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Identification of the substance/preparation: Scanpart Airfryer cleaner

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Information on likely routes of exposure

Ingestion:

Nausea

Inhalation:

No further relevant information available.

Skin Contact:

Prolonged or repeated skin contact may lead to degreasing effects on skin.

Eye Contact:

The product may cause temporary irritation if it comes into direct contact with the eyes.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

LC ₅₀ /96h	1.300 mg/l (Fish) (OECD 203)
EC ₅₀ /48h	>100 mg/l (Daphnia magna) (EU C.2)
EC ₅₀ /96h	>100 mg/l (Desmodesmus subspicatus) (OECD 201)
NOEC	≥100 mg/l (Daphnia magna)

CAS: 7320-34-5 tetrapotassium pyrophosphate

LC ₅₀ /96h	>100 mg/l (Oncorhynchus mykiss)
EC ₅₀ /48h	>100 mg/l (Daphnia magna)
EC ₅₀ /72h	>100 mg/l (Algae) (OECD 201 (read-across))

General information:

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

12.2 Persistence and degradability

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Biodegradability	89-93 % (28d) (OECD 301)
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12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Behaviour in sewage processing plants:

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.

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Other information:

General information:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

European waste catalogue	
20 01 30	detergents other than those mentioned in 20 01 29
15 01 02	plastic packaging

Uncleaned packaging:

Recommendation: Packaging may be reused or recycled after cleaning.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number ADR/RID, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR/RID, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR/RID, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR/RID, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	The product shows no sustained combustibility.
UN "Model Regulation":	Void

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SECTION 15: Regulatory information

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

Labelling according to EC guidelines: .

Directive 2012/18/EU Not applicable

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Named dangerous substances - ANNEX I None of the ingredients is listed.
Regulation (EU) No 649/2012

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:**Other regulations, limitations and prohibitive regulations**

Other regulations (EC): Directive 98/24/EEC

Other regulations (EC): Regulation (EC) No 648/2004

Other regulations (DE): WRMG, WHG, AwVS

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

Training hints Make sure that users are appropriately informed, instructed and trained.**Classification according to Regulation (EC) No 1272/2008** Calculation method:**Version number of previous version:** 1.1**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

AGW: Arbeitsplatzgrenzwert (Workplace exposure limit)

DFG: Deutsche Forschungsgemeinschaft MAK- und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, WILEY-VCH, Weinheim (German Research Foundation MAK and BAT values list, Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area, WILEY-VCH, Weinheim)

Y: Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden (There is no need to fear fetal impairment if the occupational exposure limit value and the biological limit value (BGW) are complied with.)

EC50: effective concentration, 50 percent

OECD: Organization for Economic Co-operation and Development

ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IBC: Intermediate bulk container

MARPOL: Marine Pollution

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

NOEC: No observed effect concentration

ATE: Acute toxicity estimates

AwVS: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

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according to Regulation (EC) No 1907/2006, Article 31

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UN: United Nations

PT2: Product type 2

EG: Europäische Gemeinschaft (European community)

WHG: Wasserhaushaltsgesetz (Water Resources Act)

WRMG: Wasch- und Reinigungsmittelgesetz (Detergents and Cleaning Products Act)

Reg.nr.: Registration number

bw: body weight

dw: dry weight

M: Multiplikationsfaktor (Multiplication factor)

Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Sources Safety data sheet for raw materials, eur-lex.europa.eu, echa.europa.eu

*** Data compared to the previous version altered. .**

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