

Safety Data Sheet

according to US OSHA Hazard Communication Standard (29 CFR 1



Parkett will das Beste!

ZZB6-0000-0AA
Version 1.0

CleanChoice SPORT B DailyClean
Revision date May 15, 2024

Print date May 15, 2024

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

1.1 Product identifier

Trade name/designation

ZZB6-0000-0AA CleanChoice SPORT B DailyClean
Stat.Warennummer: 3405.20.000

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

Relevant identified uses

1.3 Details of the supplier of the safety data sheet

Supplier

Berger-Seidle GmbH
Maybachstr. 2
67269 Grünstadt
Germany

Department responsible for information

E-mail (competent person) Sicherheitsdaten@berger-seidle.de

1.4 Emergency telephone number

Emergency telephone number +1 872 5888271
24 hr. emergency phone number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

according to US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye Irrit. 2A H319 Causes serious eye irritation.

2.2 Label elements

Labeling according to US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard pictograms



GHS07

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P280 Wear protective gloves and eye protection/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.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Hazard components for labelling

not applicable

2.3 Hazards not otherwise classified (HNOC)

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 3: Composition/information on ingredients.

3.2 Mixtures

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Description

Wassser, Lösemittel und Tenside

Hazardous ingredients

CAS No. EC No. Index No.	Substance name REACH No.	weight-%
166736-08-9 605-450-7 -	Oxiran, 2-Methyl-, Polymer mit Oxiran, Mono(2-propylheptyl)ether Acute Tox. 4 H302 / Eye Dam. 1 H318	3,00 < 5,00
68515-73-1 500-220-1 -	D-Glucopyranose, oligomers, decyl octyl glycosides Eye Dam. 1 H318	2,00 < 2,50
67-63-0 200-661-7 603-117-00-0	Propan-2-ol Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	0,500 < 1,00
5989-27-5 227-813-5 601-029-00-7	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Skin Irrit. 2 H315 / Skin Sens. 1B H317 / Aquatic Acute 1 H400 / Aquatic Chronic 3 H412	0,150 < 0,200
3811-73-2 223-296-5 -	Pyridine-2-thiol 1-oxide, sodium salt Acute Tox. 4 H302 / Acute Tox. 3 H311 / Skin Irrit. 2 H315 / Skin Sens. 1 H317 / Eye Irrit. 2 H319 / Acute Tox. 3 H331 / STOT RE 1 H372 / Aquatic Acute 1 H400 (M = 100,00) / Aquatic Chronic 2 H411	< 0,025

Remark

Full text of H-phrases: see section 16.

Regulation (EC) No. 648/2004 [Detergents regulation]

< 5% perfumes

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

Following inhalation

In case of irregular breathing or respiratory arrest provide artificial respiration. Remove casualty to fresh air and keep warm and at rest.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3 Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Powder, spray mist, (water)

Unsuitable extinguishing media

Strong water jet

5.2 Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3 Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

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

Remove all sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up**For containment**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

For cleaning up

Clean using cleansing agents. Do not use solvents.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advices on safe handling**

Avoid contact with skin, eyes and clothes. Personal protection equipment: see section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Advices on general occupational hygiene

When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Storage class

LGK10 - Combustible liquids that cannot be assigned to any of the above storage classes

Further information on storage conditions

Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Store in a well-ventilated and dry room at temperatures between 5 °C and 25 °C.

7.3 Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

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CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
67-63-0	Propan-2-ol	ACGIH	492 / 984 (-) mg/m ³
67-63-0	Propan-2-ol	IDLH	- / - (-) mg/m ³
67-63-0	Propan-2-ol	NIOSH	980 / 1,225 (-) mg/m ³
67-63-0	Propan-2-ol	OSHA	980 / - (-) mg/m ³

Additional information

Long-term: Long-term occupational exposure limit value

short-term: short-term occupational exposure limit value

Biological limit values

CAS No.	Substance name	Source	Value/ Test material
67-63-0	Propan-2-ol	ACGIH-BEI	40 mg/L / urine end of shift at end of workweek

DNEL worker

CAS No.	Substance name	DNEL type	DNEL value
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	DNEL long-term dermal (systemic)	9.5 mg/kg
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	DNEL long-term inhalative (systemic)	66.7 mg/m ³
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	DNEL long-term dermal (systemic)	595,000 mg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	DNEL long-term inhalative (systemic)	420 mg/m ³
67-63-0	Propan-2-ol	DNEL long-term inhalative (systemic)	500 mg/m ³
67-63-0	Propan-2-ol	DNEL acute inhalative (systemic)	1,000 mg/m ³
67-63-0	Propan-2-ol	DNEL long-term dermal (systemic)	888 mg/kg bw/day

DNEL Consumer

CAS No.	Substance name	DNEL type	DNEL value
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	DNEL long-term dermal (systemic)	4.8 mg/kg
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	DNEL long-term inhalative (systemic)	16.6 mg/m ³
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	DNEL long-term dermal (systemic)	357,000 mg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	DNEL long-term inhalative (systemic)	124 mg/m ³
67-63-0	Propan-2-ol	DNEL long-term inhalative (systemic)	89 mg/m ³
67-63-0	Propan-2-ol	DNEL acute inhalative (systemic)	178 mg/kg
67-63-0	Propan-2-ol	DNEL long-term dermal (systemic)	319 mg/kg bw/day

PNEC

CAS No.	Substance name	PNEC type	PNEC Value
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC soil, freshwater	0.763 mg/kg
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC sediment, marine water	0.385 mg/kg
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC sediment, freshwater	3.85 mg/kg
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC Secondary Poisoning	133 mg/kg
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC aquatic, marine water	1.4 µg/L
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC sewage treatment plant	1.8 mg/L

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		(STP)	
5989-27-5	(±)-1-Methyl- 4-(1-methylvinyl)- cyclohexen	PNEC aquatic, freshwater	14 µg/L
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC sediment, marine water	0.152 mg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC sediment, freshwater	1.516 mg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC soil, freshwater	654 µg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC sewage treatment plant (STP)	560 mg/L
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC aquatic, marine water	17.6 µg/L
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC Secondary Poisoning	111.11 mg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC aquatic, intermittent release	270 µg/L
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	PNEC aquatic, freshwater	176 µg/L
67-63-0	Propan-2-ol	PNEC soil, freshwater	28 mg/kg
67-63-0	Propan-2-ol	PNEC sediment, marine water	552 mg/kg
67-63-0	Propan-2-ol	PNEC sediment, freshwater	552 mg/kg
67-63-0	Propan-2-ol	PNEC Secondary Poisoning	160 mg/kg
67-63-0	Propan-2-ol	PNEC aquatic, marine water	140.9 mg/L
67-63-0	Propan-2-ol	PNEC aquatic, freshwater	140.9 mg/L
67-63-0	Propan-2-ol	PNEC sewage treatment plant (STP)	2,251 mg/L

8.2 Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

Personal protection equipment

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material ≥ 0.4 mm

Breakthrough time ≥ 480 min

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. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.

Recommended glove articles: EN ISO 374

Skin protection

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Eye glasses with side protection: EN 166

Body protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. Anti-static clothing including shoes are recommended.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	see trade name
Odour	characteristic

pH at 20 °C	7 - 8
Melting point/freezing point	not determined
Initial boiling point and boiling range	82 °C
	Source: Propan-2-ol
Flash point	105 °C
flammability	not applicable
Lower explosion limit at 20°C	1.1 Vol-%
	Source: (2-methoxymethylethoxy)propanol
Upper explosion limit at 20°C	14 Vol-%
	Source: (2-methoxymethylethoxy)propanol
Vapour pressure at 20°C	21.426 mbar
Relative vapour density	not applicable
Density at 20 °C	1.0 kg/l
Water solubility at 20°C	completely miscible
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	207 °C
	Source: (2-methoxymethylethoxy)propanol
Decomposition temperature	not determined
Viscosity at 20 °C	20 mm ² /s
particle characteristics	not applicable

9.2

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Propan-2-ol

LD50: oral (Rat): = 4,570 mg/kg

LD50: dermal (Rabbit): = 13,400 mg/kg

LC50: inhalative (Rat): = 30 mg/L (4 h)

Skin corrosion/irritation

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

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

Overall assessment on CMR properties

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.

Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: Headache, Dizziness, fatigue, amyosthenia, Dizziness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

11.2 Information on other hazards**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information**12.1 Toxicity**

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

Algae toxicity**Propan-2-ol**

EC50 > 100 mg/L

EC50 (*Scenedesmus subspicatus*): > 1,000 mg/L (72 h)

EC50 (*Desmodesmus subspicatus*): > 1,000 mg/L (96 h)

Daphnia toxicity**D-Glucopyranose, oligomers, decyl octyl glycosides**

EC50 > 100 mg/L (48 h)

Propan-2-ol

EC50 > 100 mg/L

EC50 (*Daphnia magna* (Big water flea)): = 13,299 mg/L (48 h)

Pyridine-2-thiol 1-oxide, sodium salt

EC50 = 0.022 mg/L (48 h)

Fish toxicity**D-Glucopyranose, oligomers, decyl octyl glycosides**

LC50: > 100 mg/L (96 h)

Propan-2-ol

EC50 > 100 mg/L

LC50: = 9,640 mg/L (96 h)

LC50: = 11,130 mg/L (96 h)

LC50: (*Lepomis macrochirus* (Bluegill)): > 400,000 µg/L (96 h)

Pyridine-2-thiol 1-oxide, sodium salt

LC50: (*Danio rerio* (zebrafish)): = 0.008 mg/L (96 h)

12.2 Persistence and degradability**Propan-2-ol**

Biodegradation = 2.32 %

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Biodegradation = 62 %

12.3 Bioaccumulative potential

Propan-2-ol

Partition coefficient: n-octanol/water = 0.16

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Do not empty into drains; dispose of this material and its container in a safe way.

Waste codes/waste designations according to EWC/AVV

080112 - waste paint and varnish other than those mentioned in 08 01 11

Other disposal recommendations

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1 UN number or ID number

not applicable

14.2 UN proper shipping name

Land transport (US DoT 49 CFR)

No dangerous good in sense of these transport regulations.

Sea transport (IMDG)

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI / IATA-DGR)

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

not applicable

14.4 Packing group

not applicable

14.5 Environmental hazards

Land transport (US DoT 49 CFR) not applicable

Sea transport (IMDG) not applicable

14.6 Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

14.8 Additional information

Land transport (US DoT 49 CFR)

not applicable

Sea transport (IMDG)

not applicable

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Air transport (ICAO-TI / IATA-DGR)

not applicable

SECTION 15: Regulatory information

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

National regulations

Observe in addition any national regulations!

SARA Title III Section 311/312 Hazard Categories: Refer to section 2 of the safety data sheet.

SECTION 16: Other information

List of relevant hazard statements and/or precautionary statements from sections 2 to 15

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Key literature references and sources for data

Data arise from reference works and literature.

Abbreviations and acronyms

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ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL: Occupational Exposure Limit Value
BLV: Biological limit values
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging
CMR: Carcinogenic, Mutagenic and Reprotoxic
DIN: German Institute for Standardization / German industrial standard
DNEL: Derived No-Effect Level
EAKV: European Waste Catalogue Directive
EC: Effective Concentration
EC: European Community
EN: European Standard
EU/EEA: European Economic Area
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code: International Maritime Code for Dangerous Goods
ISO: International Organization for Standardization
LC: Lethal Concentration
LD: Lethal Dose
:
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD: Organisation for Economic Cooperation and Development
PBT: persistent, bioaccumulative, toxic
PNEC: Predicted No Effect Concentration
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bioaccumulative

Indication of changes

* Data changed compared with the previous version.