

# Safety Data Sheet

according to US OSHA Hazard Communication Standard (29 CFR 1



*Parquet will das Beste!*

ZZB8-0000-0AA  
Version 3.0

CC SPORT B MineralSpirits  
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

ZZB8-0000-0AA CC SPORT B MineralSpirits  
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)

- Flam. Liq. 3 H226 Flammable liquid and vapour.
- \* Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- \* STOT SE 3 Narcotic effects H336 May cause drowsiness or dizziness.

### 2.2 Label elements

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

#### Hazard pictograms



GHS02 GHS07 GHS08

#### Signal word

- \* Danger

#### Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.

#### 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.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof electrical equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P261 Avoid breathing vapours.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves and eye protection/face protection.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER if you feel unwell.
P331	Do NOT induce vomiting.
P370 + P378	In case of fire: Use extinguishing powder or sand to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to industrial incineration plant.

## Hazard components for labelling

\* Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

## 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

#### Description

Lösemittel/Verdünnungen

#### Hazardous ingredients

CAS No. EC No. Index No.	Substance name REACH No.	weight-%
* - 927-241-2 -	<b>Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOT SE 3 H336 / Aquatic Acute 3 H402 / Aquatic Chronic 3 H412	> 70,0
* 107-98-2 203-539-1 603-064-00-3	<b>1-methoxypropan-2-ol</b> Flam. Liq. 3 H226 / STOT SE 3 H336	5,00 < 7,00

#### Remark

Full text of H-phrases: see section 16.

## 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 (CO<sub>2</sub>), 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** LGK3 - Flammable liquids

**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

CAS No.	Substance name	Source	Long-term /short-term (Spitzenbegrenzung)
* 107-98-2	1-methoxypropan-2-ol	ACGIH	184 / 369 ( - ) mg/m <sup>3</sup>
* 107-98-2	1-methoxypropan-2-ol	NIOSH	360 / 540 ( - ) mg/m <sup>3</sup>

#### Additional information

Long-term: Long-term occupational exposure limit value

short-term: short-term occupational exposure limit value

#### Biological limit values

No data available

#### DNEL worker

CAS No.	Substance name	DNEL type	DNEL value
* 107-98-2	1-methoxypropan-2-ol	DNEL long-term dermal (systemic)	183 mg/kg
* 107-98-2	1-methoxypropan-2-ol	DNEL acute inhalative (local)	553.5 mg/m <sup>3</sup>
* 107-98-2	1-methoxypropan-2-ol	DNEL long-term inhalative (systemic)	369 mg/m <sup>3</sup>
* 107-98-2	1-methoxypropan-2-ol	DNEL acute inhalative (systemic)	553.5 mg/m <sup>3</sup>
* -	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	DNEL long-term dermal (systemic)	77 mg/kg
* -	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	DNEL long-term inhalative (systemic)	871 mg/m <sup>3</sup>

#### DNEL Consumer

CAS No.	Substance name	DNEL type	DNEL value
* 107-98-2	1-methoxypropan-2-ol	DNEL long-term dermal (systemic)	78 mg/kg
* 107-98-2	1-methoxypropan-2-ol	DNEL long-term inhalative (systemic)	43.9 mg/m <sup>3</sup>
* -	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	DNEL long-term dermal (systemic)	46 mg/kg
* -	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	DNEL long-term inhalative (systemic)	185 mg/m <sup>3</sup>

#### PNEC

CAS No.	Substance name	PNEC type	PNEC Value
* 107-98-2	1-methoxypropan-2-ol	PNEC sediment, marine water	5.23 mg/kg
* 107-98-2	1-methoxypropan-2-ol	PNEC sediment, freshwater	52.3 mg/kg
* 107-98-2	1-methoxypropan-2-ol	PNEC aquatic, intermittent release	100 mg/L
* 107-98-2	1-methoxypropan-2-ol	PNEC soil, freshwater	4.59 mg/kg
* 107-98-2	1-methoxypropan-2-ol	PNEC aquatic, freshwater	10 mg/L
* 107-98-2	1-methoxypropan-2-ol	PNEC sewage treatment plant (STP)	100 mg/L
* 107-98-2	1-methoxypropan-2-ol	PNEC aquatic, marine water	1 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  $\geq 0.4$  mm  
Breakthrough time  $\geq 480$  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	colourless
Odour	characteristic
pH at 20 °C	not applicable
Melting point/freezing point	not determined
Initial boiling point and boiling range	110 °C
	Source: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Flash point	24 °C
flammability	Flammable liquid and vapour.
Lower explosion limit at 20°C	0.6 Vol-%
	Source: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Upper explosion limit at 20°C	13.7 Vol-%
	Source: 1-methoxypropan-2-ol
Vapour pressure at 20°C	10.08 mbar
Relative vapour density	not applicable
Density at 20 °C	0.8 kg/l
Water solubility at 20°C	practically insoluble
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	250 °C
	Source: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Decomposition temperature	not determined
Viscosity at 20 °C	20 mm <sup>2</sup> /s
particle characteristics	not applicable

**9.2 Other information**

solvent content	100.0 %
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**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.

**\* Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

LD50: dermal (Rabbit): > 5,000 mg/kg; (OECD 402)

\* LC50: inhalative (Rat): > 4,951 mg/L (4 h); (OECD 403)

\* LD50: oral (Rat): > 5,000 mg/kg; (OECD 401)

**Skin corrosion/irritation**

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

**Serious eye damage/eye 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.

**Overall assessment on CMR properties**

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

**STOT-single exposure**

\* May cause drowsiness or dizziness.

**STOT-repeated exposure**

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

**Aspiration hazard**

\* May be fatal if swallowed and enters airways.

**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**

\* **Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**

(Pseudokirchneriella subcapitata): < 1 mg/L (72 h)

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\* (Pseudokirchneriella subcapitata): > 1,000 mg/L (72 h)

## 12.2 Persistence and degradability

\* **Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics**  
Biodegradation = 89 % (28 d)

## 12.3 Bioaccumulative potential

No information available.

## 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

140603\* - other solvents and solvent mixtures

\* Hazardous waste according to Directive 2008/98/EC (waste framework directive).

#### 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

UN 1263

### 14.2 UN proper shipping name

#### Land transport (US DoT 49 CFR)

Paint related material

#### Sea transport (IMDG)

Paint related material

#### Air transport (ICAO-TI / IATA-DGR)

Paint related material

### 14.3 Transport hazard class(es)

Land transport (US DoT 49 CFR)	3
Sea transport (IMDG)	3
Air transport (ICAO-TI / IATA-DGR)	3

### 14.4 Packing group

Land transport (US DoT 49 CFR)	III
Sea transport (IMDG)	III
Air transport (ICAO-TI / IATA-DGR)	III

### 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

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No transport as bulk according to IBC Code.

## 14.8 Additional information

### Land transport (US DoT 49 CFR)

Tunnel restriction code: D/E  
Limited quantity (LQ): 5 ltr  
Hazard identification number (Kemler No.): 30

### Sea transport (IMDG)

EmS-No.: F-E, S-E  
Limited quantity (LQ): 5 ltr

### 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

- \* H226 Flammable liquid and vapour.
- \* H304 May be fatal if swallowed and enters airways.
- \* H336 May cause drowsiness or dizziness.
- \* H402 Harmful to aquatic life.
- \* 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

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



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## Indication of changes

\* Data changed compared with the previous version.