

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.04.2020

Version number 10

Revision: 29.04.2020



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

- 1.1 Product identifier
- Trade name **Bakit PV-Universal**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against **none**
- Sector of Use **SU21 Consumer uses: Private households / general public / consumers**
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Application of the substance / the mixture **Primer/ Subcoating**
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: **Kiesel Bauchemie GmbH & Co. KG**
Wolf-Hirth-Str. 2

D-73730 Esslingen

Tel.:+49(0)711/93134-0
Fax:+49(0)711/93143-140
E-Mail: sida@kiesel.com
- Informing department: **Laboratory, departments of environmental protection and labor protection**
- 1.4 Emergency telephone number: **Poison Information Center Freiburg Tel.: +49(0)761/ 19240 (24h German and English)**

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
-  **GHS07**
Skin Sens. 1 H317 May cause an allergic skin reaction.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 **The product is classified and labelled according to the CLP regulation.**
- Hazard pictograms 
GHS07
- Signal word **Warning**
- Hazard-determining components of labelling: **2-methyl-2H-isothiazol-3-one**
1,2-Benzisothiazol-3(2H)-on
- Hazard statements **H317 May cause an allergic skin reaction.**
- Precautionary statements **P102 Keep out of reach of children.**

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- P261** Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280** Wear protective gloves.
- P302+P352 IF ON SKIN:** Wash with plenty of water.
- P333+P313** If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364** Take off contaminated clothing and wash it before reuse.
- P501** Dispose of contents/container in accordance with local/regional/national/international regulations.
- 2.3 Other hazards** This mixture does not contain a substance considered to be persistent, bioaccumulative or toxic (PBT) becomes. This mixture does not contain a substance which is considered to be very persistent or very bioaccumulative (vPvB) (If not mentioned in section 3).
- Results of PBT and vPvB assessment**
- PBT:** Not applicable.
- vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures**
- Description:** aqueous acrylate dispersion with additives

· Dangerous components:

CAS: 29387-86-8	butoxypropan-1-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	0.5-<2.5%
CAS: 9064-13-5	Polypropylenglykol-Alkylphenylether ⚠ Skin Sens. 1, H317	≥0.1-<0.5%
CAS: 2682-20-4	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330 ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) ⚠ Skin Sens. 1A, H317	≥0.0015-<0.025%
CAS: 2634-33-5	1,2-Benzisothiazol-3(2H)-on ⚠ Eye Dam. 1, H318 ⚠ Aquatic Acute 1, H400 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.05%

- Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures**
- General information** Immediately remove contaminated clothing.

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- **After inhalation** **Provide plenty of fresh air.**
- **After skin contact** **In case of unconsciousness bring patient into stable side position for transport.**
- **After eye contact** **Instantly wash with water and soap and rinse thoroughly.**
- **After swallowing** **Rinse opened eye for several minutes under running water.**
- **4.2 Most important symptoms and effects, both acute and delayed** **Call a doctor immediately.**
- **4.3 Indication of any immediate medical attention and special treatment needed** **No further relevant information available.**

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** **Use fire fighting measures that suit the environment.**
- **5.2 Special hazards arising from the substance or mixture** **Formation of poisonous gases during heating or in fires.**
- **5.3 Advice for firefighters** **No further relevant information available.**
- **Protective equipment:** **Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.**

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** **Not required.**
- **6.2 Environmental precautions:** **No special measures required.**
- **6.3 Methods and material for containment and cleaning up:** **Take-up with liquid binding material (sand, diatomaceous earth, acid binding agent, universal binding agent).**
- **6.4 Reference to other sections** **Dispose of contaminated material as waste according to item 13.**
- **6.4 Reference to other sections** **No dangerous materials are released.**
- **6.4 Reference to other sections** **See Section 7 for information on safe handling**
- **6.4 Reference to other sections** **See Section 8 for information on personal protection equipment.**
- **6.4 Reference to other sections** **See Section 13 for information on disposal.**

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· **Eye protection:** **Safety glasses recommended during refilling.**

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Appearance:

Form:	Fluid
Colour:	According to product specification
Smell:	Characteristic
Odour threshold:	Not determined.

· pH-value at 20 °C: 8

· Change in condition

Melting point/freezing point: 0 °C

· ~~Initial boiling point and boiling range:~~ Not applicable

· Flash point: Not applicable

· Inflammability (solid, gaseous) Not applicable.

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

· Critical values for explosion:

Lower:	Not determined.
Upper:	Not determined.

· Steam pressure at 20 °C: 23 hPa

· Density at 20 °C 1.05 g/cm³

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not determined.

· Solubility in / Miscibility with

Water: less miscible

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

dynamic at 20 °C: 20 mPas

kinematic: Not determined.

· Solvent content:

Organic solvents: 0.4 %

· 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.3 Possibility of hazardous reactions No dangerous reactions known

· 10.4 Conditions to avoid No further relevant information available.

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- 10.5 Incompatible materials: **No further relevant information available.**
- 10.6 Hazardous decomposition products: **None known.**

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity **Based on available data, the classification criteria are not met.**

- LD/LC50 values that are relevant for classification:

CAS: 9064-13-5 Polypropylenglykol-Alkylphenylether

Oral	LD50	>5,000 mg/kg (rat)
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CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

Oral	LD50	50 mg/kg (rat)
Inhalative	LC50/4 h	0.025 mg/l (rat)

- Primary irritant effect:
- 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 **May cause an allergic skin reaction.**
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- 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.**

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

CAS: 9064-13-5 Polypropylenglykol-Alkylphenylether

LC 50 (96h)	10-100 mg/l (Brachydanio Rerio)
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- 12.2 Persistence and degradability **No further relevant information available.**
- 12.3 Bioaccumulative potential **No further relevant information available.**
- 12.4 Mobility in soil **No further relevant information available.**
- Additional ecological information:
- General notes: **Water hazard class 1 (Self-assessment): slightly hazardous for water.**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- 12.5 Results of PBT and vPvB assessment
- PBT: **Not applicable.**
- vPvB: **Not applicable.**

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· 12.6 Other adverse effects *No further relevant information available.*

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation *Disposal according to official regulations*
- Uncleaned packagings:
- Recommendation: *Disposal must be made according to official regulations.*

SECTION 14: Transport information

- | | |
|---|--|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not classified as dangerous in the meaning of transport regulations. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I *None of the ingredients is listed.*
- REGULATION (EC) No 1907/2006 ANNEX XVII *Conditions of restriction: 3*
- 15.2 Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

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SECTION 16: Other information

This information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. It does not constitute a legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.

- **Abbreviations and acronyms:** RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity - oral – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Acute Tox. 2: Acute toxicity - inhalation – Category 2
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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

The information is based on our knowledge we do have so far. However it is not a confirmation of product features and does not establish contractual legal relationship. Use, operation and processing are the responsibility of the customer.