

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Identification of the substance/preparation:** *eukula nature 484 (Base)***1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers**Process category** PROC10 Roller application or brushing**Application of the substance / the mixture** Coating compound/ Surface coating/ paint**1.3 Details of the supplier of the safety data sheet****Company/undertaking identification:**

eukula

a Brand of Dr.Schutz GmbH

Holbeinstraße 17

D-53715 Bonn

Phone: +49 (0) 228 / 95352-50

Fax: +49 (0) 228 / 95352-55

info@eukula.com

For the UK:

Dr. Schutz UK Ltd.

Unit 24, Anglo Business Park,

Smeaton Close, Aylesbury Bucks

HP19 8UP

Tel.: 0044 / 1296 437827

Fax: 0044 / 1296 334219

email: steve@dr-schutz.com

Further information obtainable from: Department for product development**1.4 Emergency telephone number:**

Dr. Schutz UK

steve@dr-schutz.com

0044 (0) 1296 437827 (mon - fri 9am-5pm)

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 GB CLP regulation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Not applicable**Hazard pictograms** Not applicable**Signal word** Not applicable**Hazard statements** Not applicable**Additional information:**

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 1)

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

	Titandioxid ☠ Carc. 2, H351, EUH211	0.1-1%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-benzisothiazol-3(2H)-one ☠ Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%
CAS: 55965-84-9 Index number: 613-167-00-5	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) ☠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ☠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ☠ Skin Sens. 1A, H317 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.00025-<0.0015%

· **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 any clothing soiled by the product.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Rinse with warm water.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Rinse out mouth and then drink plenty of water.

· 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

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents:** Not applicable.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· 5.3 Advice for firefighters

· **Protective equipment:** No special measures required.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 2)

Additional information

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.

6.2 Environmental precautions:

Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

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).

6.4 Reference to other sections

No dangerous substances are released.

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** No special precautions are necessary if used correctly.**Information about fire - and explosion protection:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Protect from frost.

Store receptacle in a well ventilated area.

7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Exposure limit values:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.**8.2 Exposure controls****Appropriate engineering controls** No further data; see item 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:** Wash hands before breaks and at the end of work.**Respiratory protection:** Not required.**Hand protection**

Impervious gloves

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

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

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 3)

• **Material of gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye/face protection** Goggles recommended during refilling

• **Body protection:** Light weight protective clothing

SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**

• **General Information**

• Physical state	Fluid
• Colour:	Whitish
• Odour:	Characteristic
• Odour threshold:	Not determined.
• Melting point/freezing point:	Undetermined.
• Boiling point or initial boiling point and boiling range	100°C
• Flammability	Not applicable.
• Lower and upper explosion limit	
• Lower:	Not determined.
• Upper:	Not determined.
• Flash point:	>100°C (Seta Flash Closed Cup)
• Decomposition temperature:	Not determined.
• pH at 20°C	7.5
• Viscosity:	
• Kinematic viscosity at 20°C	50 s (DIN 53211/4)
• Dynamic:	Not determined.
• Solubility	
• water:	Not miscible or difficult to mix.
• Partition coefficient n-octanol/water (log value)	Not determined.
• Vapour pressure at 20°C:	23 hPa
• Density and/or relative density	
• Density at 20°C:	1.06 g/cm ³
• Relative density	Not determined.
• Vapour density	Not determined.

• **9.2 Other information**

• Appearance:	
• Form:	Fluid
• Important information on protection of health and environment, and on safety.	
• Auto-ignition temperature:	Product is not selfigniting.
• Explosive properties:	Product does not present an explosion hazard.
• Solvent content:	
• Organic solvents:	0.1 %
• VOC (EC)	0.1 %
• Change in condition	
• Evaporation rate	Not determined.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 4)

- | | |
|---|----------------|
| Information with regard to physical hazard classes | |
| · Explosives | Not applicable |
| · Flammable gases | Not applicable |
| · Aerosols | Not applicable |
| · Oxidising gases | Not applicable |
| · Gases under pressure | Not applicable |
| · Flammable liquids | Not applicable |
| · Flammable solids | Not applicable |
| · Self-reactive substances and mixtures | Not applicable |
| · Pyrophoric liquids | Not applicable |
| · Pyrophoric solids | Not applicable |
| · Self-heating substances and mixtures | Not applicable |
| · Substances and mixtures, which emit flammable gases in contact with water | Not applicable |
| · Oxidising liquids | Not applicable |
| · Oxidising solids | Not applicable |
| · Organic peroxides | Not applicable |
| · Corrosive to metals | Not applicable |
| · Desensitised explosives | Not applicable |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** see section "Possibility of hazardous reactions".
- **10.2 Chemical stability** No information available.
- **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** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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:

52-51-7 bronopol (INN)

Oral	LD50	305 mg/kg (rat) (OECD 401)
Dermal	LD50	1,600 mg/kg (rabbit)

- **Skin corrosion/irritation**
No data available.
Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
No data available.
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.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 5)

11.2 Information on other hazards
Endocrine disrupting properties

541-02-6	2,2,4,4,6,6,8,8,10,10-decamethylcyclotetrasiloxane	List II
556-67-2	octamethylcyclotetrasiloxane	List II, III

SECTION 12: Ecological information
12.1 Toxicity
Aquatic toxicity:
52-51-7 bronopol (INN)

LC50/96h	41.2 mg/l (Oncorhynchus mykiss (Rainbow trout))
EC50/72h	0.4-2.8 mg/l (algae)

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.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects
Additional ecological information:
General notes:

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.

SECTION 13: Disposal considerations
13.1 Waste treatment methods
Recommendation

Disposal must be made according to official regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information
14.1 UN number or ID number
ADR, ADN, IMDG, IATA

Not applicable

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA

Not applicable

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class

Not applicable

14.4 Packing group
ADR, IMDG, IATA

Not applicable

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 6)

- | | |
|---|-----------------|
| · 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. |
| · UN "Model Regulation": | Not applicable |

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.
- **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**

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

- **Department issuing SDS:** *eukula*, Department Research & Development

· **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)
 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)
 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 – Category 3
 Acute Tox. 4: Acute toxicity – Category 4
 Acute Tox. 2: Acute toxicity – Category 2
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Skin Sens. 1: Skin sensitisation – Category 1

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 4 (replaces version 3)

Revision: 30.03.2022

Identification of the substance/preparation: *eukula nature 484 (Base)*

(Contd. of page 7)

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity – Category 2

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

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

—GB—