



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

Printing date 15.01.2026

Version number 20.0 (replaces version 19.0)

Revision: 15.01.2026

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

- **1.1 Product identifier**
- **Trade name:** **KEIM LIGNOSIL-COLOR**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Silicate-based wood-paint for exterior use.
- **Uses advised against** All other uses are not recommended.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
KEIMFARBEN GMBH
Keimstraße 16 / 86420 Diedorf
Tel. +49 (0)821 4802-0
Fax +49 (0)821 4802-210
www.keim.com / info@keimfarben.de
- **Further information obtainable from:**
Product safety department
Telefon: 49(0)821/4802-138
E-Mail: sdb.info@keimfarben.de
- **1.4 Emergency telephone number:**
GBK GmbH Global Regulatory Compliance
Emergency number: +49(0)6132/84463

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Skin Sens. 1 H317 May cause an allergic skin reaction.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **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-octyl-2H-isothiazol-3-one
4,5-dichloro-2-octyl-2H-isothiazol-3-one
- **Hazard statements**
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P102 Keep out of reach of children.
- P261 Avoid breathing mist/vapours/spray.
- P280 Wear protective gloves/protective clothing.
- P273 Avoid release to the environment.
- P302+P352 IF ON SKIN: Wash with plenty of soap and 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 regional/national regulations.

Additional information:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Note on EUH208:

These are preservatives.

Avoid contact with the skin and eyes.

2.3 Other hazards Alkaline product. Avoid contact with skin and eyes.**Results of PBT and vPvB assessment**

- PBT:** Not applicable
- vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures**Description:**

Exterior paint on silicate base with light-resistant, inorganic pigments and mineral fillers.

Dangerous components:

CAS: 1312-76-1 EINECS: 215-199-1 Reg.nr.: 01-2119456888-17-xxxx	Silicic acid, potassium salt ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 40 % Eye Irrit. 2; H319: C ≥ 40 % STOT SE 3; H335: C ≥ 40 %	0.1-<2.5%
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CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5	2-octyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317, EUH071 ATE: ATE oral: 125 mg/kg ATE dermal: 311 mg/kg ATE (4h) inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	0.001-<0.01%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-XXXX	1,2-benzisothiazol-3(2H)-one ⚠ Acute Tox. 2, H330; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 ATE: ATE oral: 450 mg/kg ATE inhalative: 0.21 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.036 %	≥0.0036-<0.01%
CAS: 64359-81-5 EINECS: 264-843-8 Index number: 613-335-00-8	4,5-dichloro-2-octyl-2H-isothiazol-3-one ⚠ Acute Tox. 2, H330; ⚠ Skin Corr. 1, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317, EUH071 ATE: ATE oral: 567 mg/kg ATE (4h) inhalative: 0.16 mg/l Specific concentration limits: Skin Irrit. 2; H315:C ≥ 0.025 % Eye Irrit. 2; H319: C ≥ 0.025 % Skin Sens. 1A; H317: C ≥ 0.0015 %	0.001-<0.01%

· **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.
With appearance of symptoms or in cases of doubt seek medical advice .
When seeing the doctor we suggest to present this safety data sheet.

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

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.
Do not use solvents or thinners.
If skin irritation continues, consult a doctor.

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- **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse mouth and throat well with water.
Do not induce vomiting; call for medical help 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**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
carbon oxide (COx)
acrylic monomers
- **5.3 Advice for firefighters**
- **Special protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
In case of fire do not breathe smoke, fumes and vapours.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin and eyes.
Ensure adequate ventilation
Respect the protection rules (see section 7 and 8).
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Follow local governmental rules and regulations.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Clear contaminated areas thoroughly.
Flush rests with sufficient amount of water.
- **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.

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SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Avoid contact with skin and eyes.

Do not inhale aerosols.

Ensure good ventilation/exhaustion at the workplace.

See item 8 (8.2) for information about suitable protective equipment and technical precautions.

Respect the protection rules.

· Information about fire - and explosion protection:

The product is not flammable.

No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Keep in the original containers in a cool and dry place.

Store only in unopened original receptacles.

Unsuitable material for receptacles and pipes:

iron and ferrous metals

Suitable material for receptacles and pipes:

Polyethylene

· Information about storage in one common storage facility: Not required

· Further information about storage conditions:

Protect from frost.

Store in a cool place.

Protect from heat and direct sunlight.

· Storage class: 12

· General information: Stir up well before use.

· GISCode BSW50 Beschichtungsstoffe, wasserbasiert, lösemittelhaltig, filmgeschützt

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

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

26530-20-1 2-octyl-2H-isothiazol-3-one

AGW (Germany)	Long-term value: 0.05 E mg/m ³ 2(I);DFG, H, Y
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2634-33-5 1,2-benzisothiazol-3(2H)-one

MAK (Germany)	vgl.Abschn.IIb und Xc
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· DNELs

1312-76-1 Silicic acid, potassium salt

Oral	Long-term - systemic effects	0.74 mg/kg bw/day (consumer)
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Dermal	Long-term - systemic effects	0.74 mg/kg bw/day (consumer)
		1.49 mg/kg bw/day (worker)
Inhalative	Long-term - systemic effects	1.38 mg/m ³ (consumer)
		5.61 mg/m ³ (worker)

· **PNECs**

1312-76-1 Silicic acid, potassium salt

Aquatic compartment - freshwater	7.5 mg/l (Freshwater)
Aquatic compartment - marine water	1 mg/l (Seawater)
Aquatic compartment - water, intermittent releases	7.5 mg/l (Freshwater)
Sewage treatment plant	348 mg/l (Sewage treatment plant)

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

· **8.2 Exposure controls**

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale aerosols.

Immediately remove all soiled and contaminated clothing.

· **Respiratory protection:**

Use suitable respiratory protective device only when aerosol or mist is formed.

Combination filter A/P

· **Hand protection** Protective gloves

· **Material of gloves**

suitable material e.g.:

Nitrile impregnated cotton-gloves

Nitrile rubber, NBR

Butyl rubber, BR

PVC or PE gloves

Recommended thickness of the material: ≥ 0.5 mm

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**

Value for the permeation: level ≥ 6 (480 min)

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

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

· **Eye/face protection** Tightly sealed goggles

· **Body protection:** Protective work clothing

· **Environmental exposure controls**

See Section 12 and 6.2

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No further relevant information available.

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state	Liquid
· Colour:	Different, according to colouring.
· Odour:	Weak, characteristic
· Odour threshold:	Not determined
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Not applicable
· Lower and upper explosion limit	
· Lower:	Not applicable
· Upper:	Not applicable
· Flash point:	Not applicable
· Auto-ignition temperature:	Not determined
· Decomposition temperature:	Not determined
· pH at 20 °C	~11
· Viscosity:	
· Kinematic viscosity	Not determined
· Dynamic at 20 °C:	800-1.100* mPas
· Solubility	
· water:	Miscible
· Partition coefficient n-octanol/water (log value)	Not applicable
· Vapour pressure at 20 °C:	~23 hPa
· Density and/or relative density	
· Density at 20 °C:	1.4-1.6* g/cm ³
· Relative density	Not determined
· Vapour density	Not applicable

· 9.2 Other information

· Appearance:	*The values are for freshly produced material and may change with the time.
· Form:	Pasty
· 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.
· Change in condition	
· Softening point/range	
· Oxidising properties:	Not applicable

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· **Evaporation rate** Not applicable

· **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
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal conditions of storage and use.
- **Thermal decomposition / conditions to be avoided:**
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:**
Acids
Metals
- **10.6 Hazardous decomposition products:**
In case of fire, the following can be released:
Carbon oxides (CO_x)
Acrylic monomers
No hazardous decomposition products if stored and handled as prescribed.

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.

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LD/LC50 values relevant for classification:**26530-20-1 2-octyl-2H-isothiazol-3-one**

Oral	ATE	125 mg/kg (ATE)
	LD50	125 mg/kg (not specified)
Dermal	ATE	311 mg/kg (ATE)
	LD50	311 mg/kg (not specified)
Inhalative	ATE (4h)	0.27 mg/l (ATE) (Dust / Fog)

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	ATE	450 mg/kg (ATE)
Inhalative	ATE	0.21 mg/l (ATE) (Dust / Fog)

64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one

Oral	ATE	567 mg/kg (ATE)
	LD50	567 mg/kg (not specified)
Inhalative	ATE (4h)	0.16 mg/l (ATE) (Dust / Fog)

Primary irritant effect:

• **Skin corrosion/irritation** Frequent persistent contact with the skin may cause skin irritation.

Serious eye damage/irritation

In case of longer exposure, slightly irritating effect to the eyes is possible.

• **during inhalation:** Irritant effect possible.

• **during swallowing:** Irritant effect possible.

Respiratory or skin sensitisation

Contains OIT, DCOIT, BIT. May produce an allergic reaction.

OIT = 2-octyl-2H-isothiazol-3-one

DCOIT = 4,5-dichloro-2-octyl-2H-isothiazol-3-one

BIT = 1,2-benzisothiazol-3(2H)-one

• **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.

Other information (about experimental toxicology):

Experimental analysis are not available.

The product was not tested. The statements on toxicology have been derived from the properties of the individual components.

Subacute to chronic toxicity:

• **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Not applicable

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

None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:**

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

26530-20-1 2-octyl-2H-isothiazol-3-one

NOEC	0.00068 mg/l /72H (algae) (OECD 201) 0.022 mg/l /28d (fish) (OECD 210) 0.002 mg/l /21d (daphnia) (OECD 211)
EC 20/30min	10.4 mg/l (sewage sludge) (Literatur)
EC 50/48h	0.00129 mg/l (algae) (OECD 201) 0.42 mg/l (daphnia) (OECD 202)
EC 50/72 h	0.0015 mg/l (algae) (OECD 201)
EC20/3h	7.3 mg/l (sewage sludge) (OECD 209)
LC 50/96 h	0.036 mg/l (fish) (OECD 203)
EC 10/48h	0.000224 mg/l (algae) (OECD 201)

2634-33-5 1,2-benzisothiazol-3(2H)-one

NOEC	0.04 mg/l /72h (algae) (OECD 201) S 2238 0.21 mg/l /28d (fish) (OECD 215) S 805 1.2 mg/l /21d (daphnia) (OECD 211) S 803
EC 50/48h	3.27 mg/l (daphnia) (OECD 202) S 2240
EC 50/3h	13 mg/l (sewage sludge) (OECD 209) S 2747
EC 50/72 h	0.11 mg/l (algae) (OECD 201) S 2238
EC20/3h	3.3 mg/l (sewage sludge) (OECD 209) S 2747
LC 50/96 h	1.6 mg/l (fish) (OECD 203) S 2746

64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one

NOEC	0.015 mg/l /72h (algae) (OECD 201) 0.00047 mg/l /28d (fish) (OECD 210) 0.0004 mg/l /21d (daphnia) (OECD 211)
EC 50/48h	0.0097 mg/l (daphnia) (OECD 202)
EC 50/72 h	0.025 mg/l (algae) (OECD 201)
LC 50/96 h	0.0078 mg/l (fish) (OECD 203)

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- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:**
Elimination in biological waste water treatment plants is effected by flocculation, precipitation and adsorption on sewage sludge.
- **12.3 Bioaccumulative potential** No further relevant information available.

Bioconcentration factor (BCF)

2634-33-5	1,2-benzisothiazol-3(2H)-one	6,95 (Fish)
64359-81-5	4,5-dichloro-2-octyl-2H-isothiazol-3-one	13

- **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**
- **Other information:** Pretreat waste water with help of precipitation.
- **Additional ecological information:**
- **AOX-indication:**
The product can take influence in small measure on the AOX-load of the waste water.
- **According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 2006/11/EC:**
The product contains TiO₂, ZnS.
- **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Harmful to aquatic organisms.
At present there are no ecotoxicological assessments.
The statements on ecotoxicology have been derived from the properties of the individual components.
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

European waste catalogue

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary with cleansing agents.

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SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, 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 Maritime transport in bulk according to IMO instruments	Not applicable
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008
For information on labelling please refer to section 2 of this document.
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)
None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 78
- Additional information on Entry 78
The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council.
The estimated overall proportion of microplastics in the mixture is approx. 0.008-0.022 %
Process the product in closed systems or with suitable extraction/filtering techniques avoid release to soil wastewater surface water
Preferably clean equipment surfaces mechanically after use e.g. cloths collect residues as solid waste
Collect cleaning waters separately and forward them to appropriate disposal do not discharge into the sewer system
Collect product residues and contaminated packaging in closed containers do not rinse dispose of in accordance with legal requirements

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· Synthetic polymer microparticles

Aminoplast

0,008-0,022%

Type of polymer: 3909 amino-resins, phenolic resins and polyurethanes

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148**· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Not relevant

· ANNEX I EXPORT SUBSTANCES DECLARABLE FOR EXPLOSIVES in quantities > 1%.

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· 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:**· Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.**· Other regulations, limitations and prohibitive regulations****· Please note:**

TRGS 200 (Germany)

TRGS 500 (Germany)

TRGS 510 (Germany)

TRGS 900 (Germany)

· Substances of very high concern (SVHC) according to REACH, Article 57 Not applicable**· Product-Code/Giscode:** BSW50**· 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.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

(Contd. on page 14)

DEN



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

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Trade name: KEIM LIGNOSIL-COLOR

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H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

· **Department issuing SDS:** KEIMFARBEN Germany, Product safety department

· **Version number of previous version:** 19.0

· **Abbreviations and acronyms:**

BOELV: Binding Occupational Exposure Limit Values

IOELV : Indicative Occupational Exposure Limit Values

OELV: Occupational Exposure Limit Value

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)

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

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

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

AGW: Arbeitsplatzgrenzwert (Germany)

EC10: Effective concentration at 10% mortality rate.

EC50: Half maximal effective concentration.

LC10: Lethal concentration at 10% mortality rate.

NOEC: No observed effect concentration.

REACH: Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) No.1907/2006)

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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