

Trade name: edding furniture marker ink (black, walnut antique, teak) contained in: edding 8900

Current version : 5.0.0, issued: 01.12.2022

Replaced version: 4.0.0, issued: 14.04.2021

Region: GB

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

1.1 Product identifier

Trade name

**edding furniture marker ink (black, walnut antique, teak) contained in:
edding 8900**

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

Relevant identified uses of the substance or mixture

Furniture marker

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

edding International GmbH

Bookkoppel 7

D-22926 Ahrensburg

Telephone no. +49 (0) 41 02 / 80 8-0

Information provided by / telephone

+49 (0)4102 - 808-0

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)30 30686 790 (Giftnotruf Berlin)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Skin Sens. 1; H317

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label:

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

Hazard statement(s)

H317

May cause an allergic skin reaction.

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Hazard statements (EU)

EUH208

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3-one (3:1). May produce an allergic reaction.

Precautionary statement(s)

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P501

Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Aqueous preparation

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	3-butoxypropan-2-ol		
	5131-66-8 225-878-4 603-052-00-8 01-2119475527-28	Eye Irrit. 2; H319 Skin Irrit. 2; H315	>= 1.00 - < 2.50 wt%
2	1,2-benzisothiazol-3(2H)-one		
	2634-33-5 220-120-9 613-088-00-6 -	Acute Tox. 4*; H302 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 0.05 - < 1.00 wt%
3	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)		pls. refer to footnote (1)
	55965-84-9 - 613-167-00-5 -	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 Skin Corr. 1B; H314 Skin Sens. 1; H317 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	< 0.0015 wt%
4	2-octyl-2H-isothiazol-3-one		
	26530-20-1 247-761-7 613-112-00-5 -	Acute Tox. 3; H301 Acute Tox. 3; H311 Skin Corr. 1; H314 Skin Sens. 1A; H317 Eye Dam. 1; H318 Acute Tox. 2; H330 Aquatic Chronic 1; H410 Aquatic Acute 1; H400 EUH071	< 0.0015 wt%

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Full Text for all H-phrases and EUH-phrases: pls. see section 16

(* ** ***) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	-	Skin Sens. 1; H317: C >= 0.05%	-	-
3	-	Skin Sens. 1A; H317: C >= 0.0015% Skin Irrit. 2; H315: C >= 0.06% Eye Irrit. 2; H319: C >= 0.06% Skin Corr. 1C; H314: C >= 0.6% Eye Dam. 1; H318: C >= 0.6%	-	-
4	-	Skin Sens. 1A; H317: C >= 0.0015%	M = 100	M = 100

Acute toxicity estimate (ATE) values

No	oral	dermal	inhalative
2	1193 mg/kg bodyweight		

3.3 Other information

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water. Don't use solvents.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse the mouth thoroughly with water. Call a doctor immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam; Carbon dioxide; Dry chemical extinguisher; Water spray jet

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Cool endangered containers with water spray jet. Use self-contained breathing apparatus. Wear protective clothing.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. Take precautionary measures against static charges. Vapours can form an explosive mixture with air. The product vapours are heavier than air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Recommended storage temperature

Value 15 - 30 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Do not store together with: Acids; Alkalis; oxidizing agents

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	3-butoxypropan-2-ol			5131-66-8 225-878-4	
	dermal	Long term (chronic)	systemic	44.00	mg/kg/day
	inhalative	Long term (chronic)	systemic	270.50	mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no
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	Route of exposure	Exposure time	Effect	Value	
1	3-butoxypropan-2-ol			5131-66-8 225-878-4	
	oral	Long term (chronic)	systemic	8.75	mg/kg/day
	dermal	Long term (chronic)	systemic	16.00	mg/kg/day
	inhalative	Long term (chronic)	systemic	33.80	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	3-butoxypropan-2-ol		5131-66-8 225-878-4	
	water	fresh water	0.525	mg/L
	water	marine water	0.0525	mg/L
	water	Aqua intermittent	5.25	mg/L
	water	fresh water sediment	2.36	mg/kg
	with reference to: dry weight			
	water	marine water sediment	0.236	mg/kg
	with reference to: dry weight			
	soil	-	0.16	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	10.00	mg/L

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Short term: filter apparatus, filter AX

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	nitrile rubber		
Material thickness	>	0.4	mm
Breakthrough time	>	480	min

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation	liquid
Form	liquid
Colour	black; brown

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Odour	
odourless	

pH value	
Value	7.5 - 8
Reference temperature	20 °C
Source	Manufacturer

Boiling point / boiling range	
No data available	

Melting point/freezing point	
No data available	

Decomposition temperature	
No data available	

Flash point	
Not applicable	

Ignition temperature	
No data available	

Oxidising properties	
not oxidizing	

Explosive properties	
The product does not have explosive properties.	

Flammability	
No data available	

Lower explosion limit	
No data available	

Upper explosion limit	
No data available	

Vapour pressure	
No data available	

Relative vapour density	
No data available	

Relative density	
No data available	

Density	
Value	1.2 g/cm ³
Reference temperature	20 °C
Method	The value is calculated.
Source	Manufacturer

Solubility in water	
Comments	partly soluble

Solubility	
No data available	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4
	log Pow		1.1
	Reference temperature		20 °C
	with reference to	pH 7	
	Source	ECHA	
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9

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log Pow	1.3
Source	Manufacturer

Kinematic viscosity			
Value	>	70	sec
Reference temperature		20	°C
Method	ISO 2431 (3 mm)		
Source	Manufacturer		
Value	>	20	mm ² /s
Type	kinematic		
Source	Manufacturer		

Solvent content		
Value	4	%

Solids content		
Value	44.82	%

Particle characteristics	
No data available	

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat; Exothermal reactions are possible in the event of contact with incompatible substances.

10.5 Incompatible materials

Acids; Alkalis; Oxidizing agents

10.6 Hazardous decomposition products

Carbon dioxide (CO₂); Carbon monoxide (CO); Nitrous oxides (NO_x)

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4
LD50		3300	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
LD50		1193	mg/kg bodyweight
Species	rat		
Source	Manufacturer		
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4

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LD50	>	2000	mg/kg bodyweight
Species	rat		
Source	ECHA		
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
LD50		4115	mg/kg bodyweight
Species	rat		
Source	Manufacturer		

Acute inhalational toxicity

No data available

Skin corrosion/irritation

No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration hazard

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Eye contact with the product may lead to irritation.

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.

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1	3-butoxypropan-2-ol	5131-66-8	225-878-4
LC50		560	1000 mg/l
Duration of exposure			96 h
Species	Poecilia reticulata		
Method	OECD 203		
Source	ECHA		
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
LC50			2.18 mg/l
Duration of exposure			96 h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	Manufacturer		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4
EC50		>	1000 mg/l
Duration of exposure			48 h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
EC50			2.94 mg/l
Duration of exposure			48 h
Species	Daphnia magna		
Method	OECD 202		
Source	Manufacturer		

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
1	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
ErC50			0.11 mg/l
Duration of exposure			72 h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	Manufacturer		

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4
Value		90	%
Duration		28	day(s)
Method	OECD 301 E		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	3-butoxypropan-2-ol	5131-66-8	225-878-4

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log Pow		1.1	
Reference temperature with reference to Source		20	°C
	pH 7 ECHA		
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
log Pow		1.3	
Source	Manufacturer		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

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EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	75
2	3-butoxypropan-2-ol	5131-66-8	225-878-4	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)

VOC-value	27 g/l
Comments	DIN EN ISO 11890

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH071	Corrosive to the respiratory tract.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.
The safety data sheet describes products with a view to safety requirements.
It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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