

Trade name: einzA Bläueschutz, farblos

Product no.: 6800238

Current version: 1.0.1, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:
GER

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

1.1 Product identifier

Trade name

einzA Bläueschutz, farblos

UFI:

NMMG-N1PT-5002-6AVU

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

Relevant identified uses of the substance or mixture

decorative paints/finishes

Biocidal products

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

einzA Lackfabrik GmbH

Rotenhäuser Straße 10

21109 Hamburg

Telephone no. +49 (0)40 75 10 07-0

Fax no. +49 (0)40 75 10 07-66

e-mail info@einza.com

Information provided by / telephone

In emergencies, the country-specific emergency number can be found in the corresponding country-specific safety data sheets.

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

+49 (0)40 0511 - 674 90-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Aquatic Acute 1; H400

Aquatic Chronic 2; H411

Asp. Tox. 1; H304

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



GHS08



GHS09

Signal word

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Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statement(s)

H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains 3-iodo-2-propynyl butylcarbamate. 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.
P260 Do not breathe spray.
P262 Do not get in eyes, on skin, or on clothing.
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents / container to the hazardous waste collection point or an authorised collector for hazardous waste.

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2.3 Other hazards

The product does not contain any components > 0.1% that meet the criteria for PBT and vPvB according to Regulation (EC) No. 1907/2006, Annex XIII, or that have been included in the list compiled in accordance with Article 59(1). This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics			
	- 918-481-9 - 01-2119457273-39	Asp. Tox. 1; H304 EUH066	>= 70,00 - < 90,00	wt%
2	(2-METHOXYMETHYLETHOXY)PROPANOL			
	34590-94-8 252-104-2 - 01-2119450011-60	-	< 5,00	wt%
3	3-iodo-2-propynyl butylcarbamate			

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	55406-53-6 259-627-5 616-212-00-7 -	Acute Tox. 3; H331 Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT RE 1; H372	>= 0,25 - < 1,00	wt%
4	tebuconazole			
	107534-96-3 403-640-2 603-197-00-7 -	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Repr. 2; H361d***	>= 0,025 - < 0,25	wt%
5	permethrin			
	52645-53-1 258-067-9 613-058-00-2 -	Acute Tox. 4*; H302 Acute Tox. 4*; H332 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Skin Sens. 1; H317	>= 0,025 - < 0,25	wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	-	-	M = 10	M = 1
4	-	-	M = 1	M = 10
5	-	-	M = 1000	-

No	Route, target organ, concrete effect
3	H372 -; larynx; -

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
4	1700 mg/kg bodyweight		
5	1479 mg/kg bodyweight		

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 attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. 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.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Toxic pyrolysis products; Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

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

6.2 Environmental precautions

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Do not allow to enter drains/watercourses/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flattening] should be used wherever possible. Avoid inhalation of dust from sanding. For personal protection see section 8.

General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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Comply with legal health and safety regulations; Storage in accordance with the Ordinance on Industrial Safety and Health. Prevent unauthorised access. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Stoarge Class according TRGS 510

3 Flammable liquids

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics		918-481-9
	TRGS 900		
	Kohlenwasserstoffgemische, Verwendung als Lösemittel (Lösemittelkohlenwasserstoffe), additiv-frei: C9-C15 Aliphaten		
	WEL long-term (8-hr TWA reference period)	600	mg/m ³
	Ceiling Limit	2 (II)	
2	(2-METHOXYMETHYLETHOXY)PROPANOL	34590-94-8	252-104-2
	TRGS 900		
	(2-Methoxymethylethoxy)propanol (Isomerengemisch)		
	WEL long-term (8-hr TWA reference period)	310	mg/m ³ 50 ml/m ³
	Ceiling Limit	1(I)	
	2000/39/EC		
	(2-Methoxymethylethoxy)-propanol		
	WEL long-term (8-hr TWA reference period)	308	mg/m ³ 50 ppm
	Skin resorption / sensibilisation	Skin	
3	3-iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5
	TRGS 900		
	3-Iod-2-propinylbutylcarbamate		
	WEL long-term (8-hr TWA reference period)	0,058	mg/m ³ 0,005 ml/m ³
	Ceiling Limit	2(I)	
	Skin resorption / sensibilisation	Sh	
	Notes	Y, 11	

8.2 Exposure controls

Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. In case of brush application: Filter A2. When applied by spraying: Filter A2P2. (DIN EN 14387)

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Eye / face protection

Wear safety goggles to protect against splashes. 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 In case of short-term contact / splash protection: nitrile rubber

Material thickness > 0,4 mm

Breakthrough time > 120 min

Appropriate Material In case of prolonged exposure: nitrile rubber

Material thickness > 0,4 mm

Breakthrough time > 480 min

Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation	
liquid	
Form	
liquid	
Colour	
according to product name	
Odour	
like solvents	
pH value	
reason for missing pH	substance/mixture is non-soluble (in water)
Boiling point / boiling range	
Value	> 120 °C
Reference substance	solvent mixture
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	>= 62 °C
Method	closed cup
Ignition temperature	
Value	> 200 °C
Reference substance	solvent mixture
Oxidising properties	
Not applicable	
Flammability	
Not applicable	
Lower explosion limit	

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Value	>	0,6	% vol
Reference substance	solvent mixture		

Upper explosion limit			
Value	<	7,5	% vol
Reference substance	solvent mixture		

Vapour pressure			
Value	<	100	hPa
Reference temperature		50	°C
Reference substance	solvent mixture		

Relative vapour density			
No data available			

Relative density			
No data available			

Density			
Value	0,82	-	0,83
Reference temperature		20	°C
Method	DIN 51757		

Solubility in water	
Comments	immiscible

Solubility	
No data available	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
	log Pow	3,17	- 7,22
	Method	QSAR	
	Source	ECHA	
2	permethrin	52645-53-1	258-067-9
	log Pow	5,95	

Kinematic viscosity			
Value	appr.	12	sec
Reference temperature		20	°C
Method	DIN EN 2431 (4 mm)		

Solvent separation test			
Value	<	3	%
Reference temperature		20	°C

Particle characteristics	
No data available	

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

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Region:
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Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

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	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
LD50	>	15000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	tebuconazole	107534-96-3	403-640-2
LD50	>	1700	mg/kg bodyweight
Species	rat (female)		
Source	manufacturer		
3	permethrin	52645-53-1	258-067-9
LD50	>	1479	mg/kg bodyweight
Species	rat		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
LD50	>	5000	mg/kg bodyweight
Species	rat		
Source	manufacturer		
2	permethrin	52645-53-1	258-067-9
LD50	>	2000	mg/kg bodyweight
Species	rabbit		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
Product Name	
einza Bläueschutz, farblos	
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
LC50	>	5,1	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Source	manufacturer		

Skin corrosion/irritation	
No data available	

Serious eye damage/irritation	

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No data available

Respiratory or skin sensitisation

No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
Route of exposure		Skin	
Species		guinea pig	
Source		manufacturer	
Evaluation		non-sensitizing	
2	permethrin	52645-53-1	258-067-9
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Evaluation		sensitizing	

Germ cell mutagenicity

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
Type of examination		in vitro gene mutation study in bacteria	
Species		S. typhimurium TA 1535, TA 1537, TA 98 and TA 100S. typhimurium TA 1535, TA 1537, TA 98, TA 100, TA 102	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		oral	
Type of examination		In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus	
Species		mouse	
Method		OECD 474	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
Route of exposure		oral	
NOAEL		>= 500	mg/kg bw/d
Species		rat	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard

No data available

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

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Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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.
1	permethrin	52645-53-1	258-067-9
LC50		0,0076	mg/l
Duration of exposure		96	h
Species	Poecilia reticulata		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	permethrin	52645-53-1	258-067-9
EC50		0,00017	mg/l
Duration of exposure		48	h
Species	Daphnia		

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
1	permethrin	52645-53-1	258-067-9
EC50		0,5	mg/l
Duration of exposure		72	h
Species	Algae		

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	permethrin	52645-53-1	258-067-9
Evaluation	not readily biodegradable		

Abiotic Degradation

No	Substance name	CAS no.	EC no.
1	tebuconazole	107534-96-3	403-640-2
Half-life		365	

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Method | EPA N 161-1

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	permethrin	52645-53-1	258-067-9
BCF		300	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
log Pow		3,17 - 7,22	
Method		QSAR	
Source		ECHA	
2	permethrin	52645-53-1	258-067-9
log Pow		5,95	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	918-481-9
PBT assessment		The substance is not PBT.	
vPvB assessment		The substance is not vPvB.	
Source		ECHA	

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Waste code 03 02 02* organochlorinated wood preservatives
 Allow paint/varnish to dry out completely in a well-ventilated area and dispose of in residual waste once completely solidified. Dispose of liquid or non-drying residues separately.

Waste code ÖNORM S 2100:55508g Paints, if containing solvents and/or heavy metals and/or biocides as well as not fully cured residues in containers

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company. Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

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. Empty containers must be scrapped or reconditioned.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR/RID/ADN UN3082

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IMDG UN3082
ICAO-TI / IATA UN3082

14.2 UN proper shipping name

ADR/RID/ADN ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name 3-iodo-2-propynyl butylcarbamate
tebuconazole

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name 3-iodo-2-propynyl butylcarbamate
tebuconazole

ICAO-TI / IATA Environmentally hazardous substance, liquid, n.o.s.
Technical name 3-iodo-2-propynyl butylcarbamate
tebuconazole

14.3 Transport hazard class(es)

ADR/RID/ADN - Class 9
Label 9
Classification code M6
Tunnel restriction code -
Hazard identification no. 90

IMDG - Class 9
Label 9

ICAO-TI / IATA - Class 9
Label 9

14.4 Packing group

ADR/RID/ADN III
IMDG III
ICAO-TI / IATA III

14.5 Environmental hazards

ADR/RID/ADN Symbol "fish and tree"
IMDG Symbol "fish and tree"
EmS F-A+S-F
ICAO-TI / IATA Symbol "fish and tree"

14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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

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

Trade name: einza Bläueschutz, farblos

Product no.: 6800238

Current version: 1.0.1, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:
GER

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	2-methylpentane-2,4-diol	107-41-5	203-489-0	75
2	3-iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5	75
3	permethrin	52645-53-1	258-067-9	75
4	tebuconazole	107534-96-3	403-640-2	75

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

This product is subject to Part I of Annex I, risk category:

E1

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

VOC content 92,96 %

REGULATION (EU) No 528/2012 concerning the making available on the market and use of biocidal products

Approval number Germany: DE-0030156-08

Approval number Austria: AT-0030853-0000

5 g/kg 3-iodo-2-propynyl butylcarbamate (IPBC), 2 g/kg tebuconazole, 0,6 g/kg permethrin

Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE, Cat.: h, type: lb = 750 g/l

Max. VOC content (limit value) of the product in its ready for use condition = < 750 g/l

National regulations
Water Hazard Class (Germany)

Class

3

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

Other regulations

GISCODE HSM-LV 20 Wood preservatives, preventive, containing solvents, aromatics removed

Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment. For example, TRGS (Technical Rules for Hazardous Substances) and the DGUV (German Social Accident Insurance) rules.

15.2 Chemical safety assessment

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

SECTION 16: Other information
Further information

Reference to the following protection guidelines:

BP 1081 (Preventive wood protection: basic measures)

BP 2081 (Wood preservatives: painting, rolling, filling, and wiping)

BP 2083 (Application of wood preservatives in open facilities)

BP 2084 (Application of wood preservatives in closed facilities)

Reference to TRGS 553 (wood dust):

When working with treated wood (e.g., cutting, sanding), the wood dust limit value of 2 mg/m³ in accordance with TRGS 553 must be observed.
Sources of key data used to compile the data sheet:

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

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

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.

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

H302

Harmful if swallowed.

Trade name: einZA Bläueschutz, farblos

Product no.: 6800238

Current version: 1.0.1, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:
GER

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

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.

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.

This document is an English translation of the legally compliant safety data sheet of the region Germany. This document, including UFI and emergency telephone number, may only be used for placing on the market in the region Germany.

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