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Safety data sheet according to 1907/2006/EC, Article 31

Revision: 23.03.2022 Version number 4 Date of the first version: 27.08.2018

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

· 1.1 Product identifier

· Trade name: JUPOL Amikol

• **Article number:** 2.000.042

- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Life cycle stages

PW Widespread use by professional workers

C Consumer use

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

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

SU19 Building and construction work

- · Product category PC9a Coatings and paints, thinners, paint removers
- · Process category PROC10 Roller application or brushing
- Environmental release category ERC10a Widespread use of articles with low release (outdoor)
- · Application of the substance / the mixture

Dispersion paint/ Latex paint

Interior wall paint

- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

JUB d.o.o.

Dol pri Ljubljani 28

1262 DOL PRI LJUBLJANI

SLOVENIA

T: + 386 1 5884 183

F: + 386 1 5884 250

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· Further information obtainable from:

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· 1.4 Emergency telephone number:

UK Emergency number: 999

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

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 Void
- · Signal word Void
- · Hazard statements

H412 Harmful to aquatic life with long lasting effects.

- · Precautionary statements
- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P273 Avoid release to the environment.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- · Additional information:
- EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 2-octyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- · 2.3 Other hazards
- · Results of PBT and vPvB assessment Not applicable.
- · **PBT:** Not applicable.
- · **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

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

• Dangerous components: CAS: 13463-67-7 titanium dioxide 10-25% EINECS: 236-675-5 ♦ Carc. 2, H351 UH210, EUH211

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EINECS: 247-761-7 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: LD50 oral: 125 mg/kg	G G 0 (500 00 1		Contd. of page
2, H330	CAS: 26530-20-1	2-octyl-2H-isothiazol-3-one	≤1(0.1)%
Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) ↑ Skin Sens. 1A, H317 EUH071 ATE: LD50 oral: 125 mg/kg	EINECS: 247-761-7		
Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) ↑ Skin Sens. 1A, H317 EUH071 ATE: LD50 oral: 125 mg/kg		Skin Corr. 1, H314; Eye Dam. 1, H318	
H410 (M=100)		·	
Skin Sens. 1A, H317 EUH071 ATE: LD50 oral: 125 mg/kg			
EUH071 ATE: LD50 oral: 125 mg/kg		·	
LD50 dermal: 311 mg/kg			
LD50 dermal: 311 mg/kg		ATE: LD50 oral: 125 mg/kg	
LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 % CAS: 13463-41-7 EINECS: 236-671-3 pyrithione zinc Acute Tox. 3, H301; Acute Tox. 3, H331 Repr. 1B, H360D; STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l CAS: 55406-53-6 EINECS: 259-627-5 Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Acute Tox. 4, H302 LC50/4 h inhalative: 0.14 mg/l STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 Secific concentration limit: Skin Sens. 1; H317: C ≥ 0.05			
Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 % CAS: 13463-41-7 EINECS: 236-671-3 Pyrithione zinc Acute Tox. 3, H301; Acute Tox. 3, H331 Repr. 1B, H360D; STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l CAS: 55406-53-6 EINECS: 259-627-5 Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 EINECS: 2203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Acute Tox. 4, H302 Acute Tox. 4, H302 Acute Tox. 4, H302 STOT RE 2, H373 Acute Tox. 4, H302 Acute Tox. 4, H302 STOT RE 2, H373 Acute Tox. 4, H302 STOT RE 2, H373 Acute Tox. 4, H302 Acute Tox. 4, H302 STOT RE 2, H373 Acute Tox. 4, H302 Acute Tox. 4, H302 Acute Tox. 4, H302 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05			
CAS: 13463-41-7 EINECS: 236-671-3 Pyrithione zinc Section 2 Section 3 Sept. 18, H360D; STOT RE 1, H372 Sep. Dam. 1, H318 Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l			
EINECS: 236-671-3 Acute Tox. 3, H301; Acute Tox. 3, H331 Repr. 1B, H360D; STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l CAS: 55406-53-6 EINECS: 259-627-5 Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C≥0.05			
Repr. 1B, H360D; STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l CAS: 55406-53-6 EINECS: 259-627-5 Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 Ethanediol CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302 CAS: 2634-33-5 EINECS: 220-120-9 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05	CAS: 13463-41-7	pyrithione zinc	≤2(0.1)%
Eye Dam. 1, H318	EINECS: 236-671-3	Acute Tox. 3, H301; Acute Tox. 3, H331	
Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg		& Repr. 1B, H360D; STOT RE 1, H372	
H410 (M=10) ATE: LD50 oral: 221 mg/kg		Eye Dam. 1, H318	
ATE: LD50 oral: 221 mg/kg		Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1,	
LC50/4 h inhalative: 0.14 mg/l 3-Iodo-2-propynylbutylcarbamate STOT RE 1, H372 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 LC50/4 h inhalative: 0.14 mg/l 3-Iodo-2-propynylbutylcarbamate Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 STOT RE 2, H373 Acute Tox. 4, H302 CAS: 2634-33-5 I,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05		H410 (M=10)	
CAS: 55406-53-6 EINECS: 259-627-5 Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05		ATE: LD50 oral: 221 mg/kg	
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STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 ethanediol EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C≥ 0.05	CAS: 55406-53-6	3-Iodo-2-propynylbutylcarbamate	≤0.1%
Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 ethanediol EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C≥ 0.05	EINECS: 259-627-5	Acute Tox. 3, H331	
Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) ↑ Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 ethanediol EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318 ↑ Aquatic Acute 1, H400 ↑ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C≥ 0.05		♦ STOT RE 1, H372	
H410 (M=1)		Eye Dam. 1, H318	
H410 (M=1) ↑ Acute Tox. 4, H302; Skin Sens. 1, H317 CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05		Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1,	
CAS: 107-21-1 ethanediol 0-≤0.059 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 STOT RE 2, H373 Acute Tox. 4, H302 CAS: 2634-33-5 EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05		H410 (M=1)	
EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 CAS: 2634-33-5 EINECS: 220-120-9 1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05		• Acute Tox. 4, H302; Skin Sens. 1, H317	
Reg.nr.: 01-2119456816-28	CAS: 107-21-1	ethanediol	0-≤0.05%
Reg.nr.: 01-2119456816-28	EINECS: 203-473-3	♦ STOT RE 2, H373	
EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05	Reg.nr.: 01-2119456816-28		
EINECS: 220-120-9 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05	CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	≤0.05%
Aquatic Acute 1, H400 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05	EINECS: 220-120-9	L	
Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05			
H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05		_	
/0		%	

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CAS: 7722-88-5	tetrasodium pyrophosphate	≤0.01%
EINECS: 231-767-1	Eye Dam. 1, H318	
	Acute Tox. 4, H302	
	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one	≤0.001%
	[EC no. 247-500-7] and 2-methyl-4-isothiazolin-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: $0.06 \% \le C < 0.6 \%$	
	Skin Sens. 1A; H317: C ≥ 0.0015 %	

· Additional information:

The product is liquid and therefore not classified as H351 in accordance with Regulation (EU) 2020/217, although it contains more than 1% titanium dioxide.

Classification and labelling of the product is prepared in accordance with the instructions of the supplier of biocidal active ingredients or biocide products.

The technology of protection active ingredients (AMME - Advanced Micro Matrix Embedding) allows changing of the classification of chemicals and this resulting in different labelling of products containing processed substances.

The total content and the content of free 2-octyl-2H-isothiazol-3-one (OIT) are indicated. Only the content of free OIT is toxicological relevant and is subject to the classification of this mixture regarding the following properties: environmental hazardous properties, skin and eye irritation, sensitisation.

The total content and the content of free zinc pyrithione (ZnPy) are indicated. Only the content of free ZnPy is toxicological relevant and is subject to the classification of this mixture regarding the following properties: environmental hazardous properties, skin and eye irritation. The total content and the content of free terbutryn are indicated. Only the content of free terbutryn is toxicological relevant and is subject to the classification of this mixture regarding the following properties: environmental hazardous properties, sensitisation.

Non-skin sensitising on the basis of the results of similar tested mixtures, applying bridging principles in accordance with CLP Regulation Article 9(4), see section 16.

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.

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· After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing:

Do not induce vomiting; call for medical help immediately.

If symptoms persist consult doctor.

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

· 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.3 Advice for firefighters
- · Protective equipment: No special measures required.
- · 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 Wear protective clothing.

• 6.2 Environmental precautions:

In case of gas release or seepage into the ground inform responsible authorities.

Inform respective authorities in case of seepage into water course or sewage system.

In case of seepage into the ground inform responsible authorities.

Dilute with plenty of water.

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).

Dispose contaminated material as waste according to item 13.

· 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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- · Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- · Information about storage in one common storage facility:

Do not store together with oxidising and acidic materials.

· Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

- · Storage class: 12
- · 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:

CAS: 107-21-1 ethanediol

WEL Short-term value: 104** mg/m³, 40** ppm Long-term value: 10* 52** mg/m³, 20** ppm

Sk *particulate **vapour

CAS: 7722-88-5 tetrasodium pyrophosphate

WEL Long-term value: 5 mg/m³

- · 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:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not eat or drink while working.

· Respiratory protection:

Suitable respiratory protective device recommended.

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

Protective mask should be in accordance with BS EN 14387.

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· Hand protection

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Protective gloves

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

Protective gloves that meet the criteria of BS EN 374.

Check protective gloves prior to each use for their proper condition.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

· Material of gloves

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

Safety glasses

Goggles recommended during refilling

Protective goggles must comply with standard BS EN 166.

· Body protection: Use protective suit.

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

· General Information

· Physical state Fluid

· Colour: Different according to colouring

Odour: Characteristic
 Odour threshold: Not determined.
 Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and

boiling range ≥100 °C (CAS: 7732-18-5 water, distilled,

conductivity or of similar purity)

· Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: Not applicable.

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· Auto-ignition temperature:	Product is not selfigniting.
· Decomposition temperature:	Not determined.
· pH at 20 °C	8-9.5
· Viscosity:	
Kinematic viscosity	Not determined.
Dynamic at 20 °C:	3,000-7,000 mPas
· Solubility	
· water:	Fully miscible.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	1.38-1.43 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
	Tot determined.
• 9.2 Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection	of
health and environment, and on safety.	
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	(skladno z direktivo 2004/42/ES je proizvo
	premaz kategorije A/a).
	<3.0 g/l
· Water:	17.2 %
· VOC (EC)	0.20 %
· Information with regard to physical haza	rd
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
· Carragive to metals	

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· Desensitised explosives

Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- \cdot 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: 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	· LD/LC50 values relevant for classification:		
ATE (Acu	ATE (Acute Toxicity Estimates)		
Oral	LD50	125,000 mg/kg (ATE)	
Dermal	LD50	311,000 mg/kg (ATE)	
Inhalative	LC50/4 h	270 mg/l (ATE)	

CAS: 1340	CAS: 13463-67-7 titanium dioxide	
Oral	LD50	mg/kg (rat)
Dermal	LD50	mg/kg (rabbit)
Inhalative	LC50/4 h	mg/l (rat)
CAS: 2653	30-20-1 2-0	octyl-2H-isothiazol-3-one
Oral	LD50	125 mg/kg (ATE)
		550 mg/kg (rat)
Dermal	LD50	311 mg/kg (ATE)
		>900 mg/kg (rat)
		>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	0.27 mg/l (ATE)
		0.27 mg/l (rat)

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CAS: 1340	63-41-7 py	rithione zinc
Oral	LD50	221 mg/kg (ATE)
		269 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
		>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	0.14 mg/l (ATE)
		>2,000 mg/l (rabbit)
CAS: 5540	06-53-6 3-1	lodo-2-propynylbutylcarbamate
Oral	LD50	1,470 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	0.67 mg/l (rat)
CAS: 107-	21-1 ethai	nediol
Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	9,530 mg/kg (rabbit)
reaction n	nass of: 5-	chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-
isothiazoli	n-3-one [H	EC no. 220-239-6] (3:1)
Oral	LD50	49.6-75 mg/kg (rat)
Dermal	LD50	141 mg/kg (rabbit)
Inhalative	LC50/4 h	0.33 mg/l (rat)

- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation

"Non-skin sensitising on the basis of the results of similar tested mixtures, applying bridging principles in accordance with CLP Regulation Article 9(4). Result of studies: Sensitisation OECD 429 (LLNA) (mouse): not sensitizing – [studies S4565, S4568]."

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.

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- · 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:		
CAS: 26530-2	20-1 2-octyl-	2H-isothiazol-3-one
Inhalative LC	250/ 21 dni	0.022 mg/l (/)
LC	C100/ 21 dni	0.076 mg/l (/)
EC	C50/ 48 h	0.42 mg/l (daphnia)
EC	C50/ 21 dni	0.058 mg/l (daphnia)
NC	DEC	0.0016 mg/l (daphnia)
CAS: 13463-4	CAS: 13463-41-7 pyrithione zinc	
LC	C50	0.028 mg/l (daphnia)
EC	C50/ 48 h	0.05 mg/l (daphnia)
EC	C50/ 72 h	0.067 mg/l (/)
CAS: 55406-53-6 3-Iodo-2-propynylbutylcarbamate		
LC50/ 96 h 0.067 mg/l (/)		0.067 mg/l (/)
EC	250	0.022 mg/kg (/)
EC	C50/ 48 h	0.16 mg/l (daphnia)

- 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

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.

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Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

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

Hand over to hazardous waste disposers.

· European waste catalogue		
08 01 12	waste paint and varnish other than those mentioned in 08 01 11	
15 01 02	plastic packaging	

- · Recommendation: Dispose of packaging according to regulations on the disposal of packagings.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information	on
· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk accord IMO instruments	ling to Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Following regulation was considered in the preparation of document:

Legislation on the occupational health and safety, the chemical legislation and regulations on

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biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and waste.

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

The product is classified and labelled according to the CLP regulation.

- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements

H412 Harmful to aquatic life with long lasting effects.

- · Precautionary statements
- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P273 Avoid release to the environment.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · 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))

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.

• 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.

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· Relevant phrases

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- 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.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H351 Suspected of causing cancer.
- H360D May damage the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.
- EUH210 Safety data sheet available on request.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· Recommended restriction of use

Claims contained in this document are based on our actual knowledge at the time of revision of this document. They do not undertake the properties of the product described in terms of the legal provisions for the pledge.

Placing this document as available does not unbind the product customer from its responsibility to comply with all relevant laws and regulations applicable for this product. This is especially valid in the case of product resale or resale of its mixtures or manufactured products from other areas of law and industrial property rights of third parties. If the product described above is changed by crafting or mixing with other materials, it is not possible to transfer claims from this document onto a newly made product, unless otherwise specified. In the case of product re-packaging the customer must attach the required relevant safety information as well.

· Classification according to Regulation (EC) No 1272/2008

Bridging principles

OECD Guideline No . 429, "Skin sensitisation: Local Lymph Node Assay"

· Department issuing SDS:

JUB d.o.o.

Product safety department

· Contact:

Laura Učakar

laura.ucakar@jub.eu

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· 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. 1: Skin corrosion/irritation - Category 1

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

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

Carc. 2: Carcinogenicity – Category 2

Repr. 1B: Reproductive toxicity - Category 1B

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – 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

 $Aquatic\ Chronic\ 3:\ Hazardous\ to\ the\ aquatic\ environment\ -\ long\ -term\ aquatic\ hazard\ -\ Category\ 3$

* * Data compared to the previous version altered.

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