

according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10 Page: 1/11

# **WOODCHINK**

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

#### 1.1. Product identifier

Name: WOODCHINK

**Mixture description:** acrylate dispersion sealant **UFI Identifier:** 9UHF-FTT5-Q50Y-59J9

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

**Mixture's intended use:** sealing of expansion joints in the exterior and interior, plasterboard program, sealing of window and door frames and cracks. Designed for professional use.

Main intended use according to EuPCS: PC-ADH-2 Adhesives and sealants (gap fillers) for on-site and off-site construction works such as new work, maintenance and renovation.

**Unrecommended uses:** The product must not be used other than as specified on the label and in the technical sheet.

# 1.3. Details of the supplier of the safety data sheet

Lučební závody a.s. Kolín Pražská 54, 280 02 Kolín II

Czech Republic

Phone: +420 321 741 111

Competent person responsible for the safety data sheet: infosds @lucebni.cz

## 1.4. Emergency telephone number

Toxicological Information Centre, Na Bojišti 1, 128 08 Prague 2, phone: +420 224 919 293 or +420 224 915 402 - nonstop information on human and animal poisoning.

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008:

Skin Sens. 1, H317

Aquatic Chronic 3, H412 Full text of all classifications and hazard statements is given in the Section 16

Most serious adverse physic-chemical effects and effects on human health and the environment May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

# Labelling according to the Regulation (EC) No 1272/2008

Hazard pictogram

, **!** 

GHS07

Signal word Warning

\*\*Hazardous substances

octhilinone (ISO) (ES: 247-761-7)

2-methylisothiazol-3(2H)-one (ES: 220-239-6)

#### **Hazard statements**

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

#### Additional hazard information

EUH 208 Contains 1,2-benzoisothiazol-3(2H)-one. May produce an allergic reaction.

Precautionary statements

\*\*P280 Wear protective gloves (nitrile).



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023
Version: 10
Page: 2/11

# **WOODCHINK**

P273 Avoid release to the environment.

\*\*P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container to municipal waste. Let sealant residues dry before disposal. Recycle empty packaging free of residues.

# Other precautionary statements that are not stated on the label

P362+P364 Take off contaminated clothing and wash it before reuse.

# \*\* Additional designation according to EP and Council Regulation 2012/528/EU

It contains a biocidal preparation with the active substances terbutryn, octhilinone (ISO), 2-methylisothiazol-3(2H)-one, 1,2-benzoisothiazol-3(2H)-one.

#### 2.3 Other hazards

The mixture does not contain, at a concentration of 0,1% or higher, PBT or vPvB substances according to the criteria set out in Annex XIII to Regulation (EC) No 1907/2006 or listed in the candidate list for Annex XIV (Regulation (EC) No 1907/2006) or substances identified as endocrine disruptors according to the criteria of Regulation (EU) 2017/2100 or (EU) 2018/605.

# **SECTION 3: Composition/information on ingredients**

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#### 3.2. Mixtures

# 3.2.1 Dangerous components

Component name (Registration number REACH)	CAS EC Index	Content in % weight	Classification according to Regulation (EC) No 1272/2008
** Octhilinone (ISO); 2-octyl-2H-isothiazol- 3-one; [OIT] <sup>1</sup> (01-2120768921-45-xxxx)	26530-20-1 247-761-7 613-112-00-5	≤ 0,005	Acute Tox.2; H330 Acute Tox.3; H301 Acute Tox.3; H311 Skin Corr.1; H314 Eye Dam.1; H318 Skin Sens.1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH 071
** Terbutryn <sup>2</sup>	886-50-0 212-950-5	≤ 0,004	Acute Tox.4; H302 Skin Sens.1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
2-methylisothiazol-3(2H)-one <sup>3</sup> (01-2120764690-50-xxxx)	2682-20-4 220-239-6 613-326-00-9	≤ 0,005	Acute Tox.2; H330 Acute Tox.3; H301 Acute Tox.3; H311 Skin Corr.1B; H314 Eye Dam.1; H318 Skin Sens.1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071
**  1,2-benzoisothiazol-3(2H)-one; 1,2-benzoisothiazolin-3-one <sup>4</sup> (01-2120761540-60-xxxx)	2634-33-5 220-120-9 613-088-00-6	≤ 0,005	Acute Tox.2; H330 Acute Tox.4; H302 Skin Irrit. 2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878

Creation date: 10.2.2023 Version: 10

Page: 3/11

## WOODCHINK

¹ component has set M<sub>Acute</sub> =100; M<sub>Chronic</sub> =100 and specific concentration limit: Skin Sens. 1A: C ≥0.0015%; ATE inhalation= 0.27mg/l (dust/mist), ATE<sub>dermal</sub>=311mg/kg; ATE<sub>Oral</sub>=125 mg/kg; the given amount corresponds to free OIT, which is toxicologically relevant and subject to classification.

## \*\*Data on components with occupational exposure limits:

Ammonia <sup>5</sup> 7664-41-7 < 0,2 Aquatic Acute 1; H400 STOT SE 3; H335	
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<sup>&</sup>lt;sup>5</sup> can arise and be released into the working environment when using the product Full text of all classifications and hazard statements is given in the section 16.

# **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

#### in general

Take the affected person out of the infected area, put him to a state of rest, make it easier for him to breathe by loosening his clothes, monitor and, if necessary, maintain his vital functions. If symptoms of acute damage to health (difficulty breathing, persistent cough, chest pain, nausea, impaired sensory perception, fainting, etc.) appear, call a doctor or transport the injured person to a doctor. In life-threatening conditions, first perform resuscitation (artificial respiration and heart massage). The first aider must protect himself.

## by inhalation

Take victim to fresh air.

#### in contact with skin

Remove contaminated clothing and wash affected skin with soap and water, treat with a suitable repair cream. Seek medical attention if irritation persists.

# in case of eye contact

Rinse with running water for at least 10 minutes. Keep the eyelids well open so that the entire surface of the eye, including the eyelids, can be rinsed with water. Seek medical attention.

#### when swallowed

Rinse mouth with water, do not induce vomiting.

In all more serious cases, see a doctor immediately and provide him with the information from this sheet.

## 4.2 Most important symptoms and effects, both acute and delayed

Allergic skin reaction.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media: The product is practically non-flammable. Adapt the extinguishing agents to the substance burning in the surroundings (water mist, water spray, CO<sub>2</sub>, foam).

Unsuitable extinguishing media: Not specified

## 5.2 Special hazards arising from the substance or mixture

At high temperatures, silicon oxides and toxic fumes such as carbon monoxide, carbon dioxide, nitrogen oxides may be released. Exposure to flue gases can pose a health risk.

#### 5.3 Advice for firefighters

<sup>&</sup>lt;sup>2</sup> component has set M<sub>Acute</sub>=100; M<sub>Chronic</sub>=100 and specific concentration limit: Skin Sens. 1B: C ≥3%; the given amount corresponds to free terbutryn, which is toxicologically relevant and subject to classification.

<sup>&</sup>lt;sup>3</sup> component has set M<sub>Acute</sub> =10: M<sub>Chronic</sub> =1 and specific concentration limit; Skin Sens.1A; C ≥ 0.0015%

<sup>&</sup>lt;sup>4</sup> component has set M<sub>Acute</sub> =1 and specific concentration limit: Skin Sens.1: C ≥0.05%



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10 Page: 4/11

# **WOODCHINK**

Firefighting measures target the area. Do not intervene without suitable protective equipment, self-contained breathing apparatus if necessary. Prevent access by unprotected persons.

# **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment - see section 8. Prevent access of unauthorized persons to the endangered area. See section 7 for additional protective measures.

## 6.2 Environmental precautions

Prevent release to the environment (sewage, soil, surface water).

#### 6.3 Methods and material for containment and cleaning up

Eliminate leakage from damaged packaging, or place it in another protective packaging and properly relabel. Collect spillage and contaminated surrounding material in marked containers - it must be treated as waste.

## 6.4 Reference to other sections

For detailed information, see Sections7 (handling), 8 (protective equipment) and 13 (disposal).

# **SECTION 7: Handling and storage**

# 7.1 Precautions for safe handling

Use personal protective equipment according to section 8. Do not eat, drink or smoke while working. Follow the principles of personal hygiene. Put away contaminated protective equipment before meals and after work and wash your hands thoroughly with soap and water or still treat with a suitable repair cream.

# 7.2 Conditions for safe storage, including any incompatibilities

Store in original closed containers, in covered, ventilated warehouses at temperatures up to + 30 ° C. Keep out of reach of children. Protect from direct sunlight. The product must not freeze.

#### 7.3 Specific end use(s)

Apart from the recommended uses mentioned in subsection 1.2, they are not specified.

# **SECTION 8: Exposure controls/personal protection**

# 8.1 Control parameters

## 8.1.1 Limits in the workplace (OEL)

2000/39/EC	CAS	TWA (8 Hour Limit)		STEL (Short Term Limit)	
ammonia	7664-41-7	14mg/m <sup>3</sup>	200 ppm	36 mg/m <sup>3</sup>	50 ppm

#### \*\*8.1.2 Monitoring procedures

Recommended methods for determining the concentration in the working atmosphere in ČSN EN 14042 (e.g. detection tubes, sorption tubes/bubblers followed by spectroscopic or chromatographic analysis)...

# 8.1.3 Biological limit values

Not specified.

#### 8.1.4 DNELs and PNECs

\*\*Information for the components:

2-methylisothiazol-3(2H)	-one	CAS: 2682-20-4		
DNEL /ECHA/	Route	Effect Exposure Value		
Workers/ general public	Inhalation	local effects	long-term / acute	21 mg/m <sup>3</sup> / 43 mg/m <sup>3</sup>
general public	Oral	systemic effects	long-term / acute	27 mg/m <sup>3</sup> / 53 mg/m <sup>3</sup>



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10

Page: 5/11

## **WOODCHINK**

Workers / general pub	lic	Eye	High danger			
PNEC /ECHA/						
fresh water/sea water	Inte	rmittent release	Wastewater treatment plants	Sediment (fresh water/ sea water)	Soil	Secondary poisoning
3,39 µg/l	3,39	) μg/l	230 µg/l	without danger	47,1 µg/kg	no effect

Octhilinone	(ISO)	CAS:26530-2	CAS:26530-20-1						
DNEL /ECHA	V	Data is not ava	Data is not available yet						
PNEC /ECH/	V								
fresh water	sea water	Intermittent release	Wastewater treatment plants	Sediment (fresh water)	Sediment (sea water)	Soil	Secondary poisoning		
2,2 µg/l	220 ng/l	122 ng/l	without danger	47,5 µg/kg	4,75 µg/kg	8,2 µg /kg	no effect		

# 8.2 Exposure controls

# 8.2.1 Appropriate engineering controls

The product does not contain any significant amounts of substances with critical values that must be monitored in the workplace.

#### 8.2.2 Individual protection measures, such as personal protective equipment

Avoid contact with eyes and skin. Avoid inhalation of spray liquid. Do not eat, drink or smoke while working. Ventilation is recommended. Wash your hands thoroughly with soap and water before eating and after finishing work with the mixture, or still treat with a suitable repair cream. Use the prescribed personal protective equipment, which must be checked before use, kept in usable condition and replaced damaged.

## Eye/face protection

It is not normally necessary. Protective goggles (EN 166 compliant) in case of risk of eye contact.

#### Hand protection

Protective gloves complying with EN 374. The glove material has to be impermeable and resistant to the product. Gloves that protect the user must be the right size and must be used correctly - check for leaks before use. The shelf life of the glove material has to be exceeded (contact the glove manufacturer for information about the expiration date of specific gloves). The resistance time can be shortened due to external influences. Recommended types of gloves:

nitrile rubber gloves (thickness> 0.1 mm, resistance time 60-120 minutes)

butyl rubber gloves (thickness> 0.3 mm, resistance time> 480 minutes)

#### Skin protection

Protective work clothing and shoes, adapt to activity and exposure.

#### Respiratory protection

It is not normally necessary, or the use of a respirator with a type A filter for vapors of organic compounds.

## 8.2.3 Environmental exposure controls

with Section 6.

# **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties Physical state paste (solid mixture after vulcanization) Colour various Odour characteristic Melting point/freezing point not specified Boiling point or initial boiling point and boiling range not specified not flammable Flammability reaction to fire class: E (ČSN EN ISO 11925-2) Lower and upper explosion limit not applicable not applicable Flash point



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10

Page: 6/11

# **WOODCHINK**

Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
**pH	7,5 – 8,5 (aqueous suspension) (ČSN EN 1262)
Kinematic viscosity	not specified (extremely high paste viscosity)
Solubility	miscible with water
Partition coefficient n-octanol/water (log value)	not applicable
Vapour pressure	not applicable
**Density and/or relative density	1660 – 1690 kg/m³ (ČSN EN ISO 2811-1)
Relative vapour density	not applicable
Particle characteristics	the mixture does not contain nanoforms

Note: it does not replace the technical specification of the product, for further information contact the manufacturer

#### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

No further relevant information available.

#### 9.2.2 Other safety characteristics

No further relevant information available.

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Under normal conditions, no dangerous reactions of the mixture are known.

# 10.2 Chemical stability

The mixture is stable if the intended method of storage and use is observed.

# 10.3 Possibility of hazardous reactions

Under recommended conditions of use, they are not known.

#### 10.4 Conditions to avoid

\*\* Avoid freezing (product in package before application).

## 10.5 Incompatible materials

Under recommended conditions of use, they are not known.

# 10.6 Hazardous decomposition products

Under normal conditions, the mixture does not decompose. At high temperatures, carbon monoxide, carbon dioxide, silica, smoke may be released.

# **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 criteria for classification of the mixture are not met.

Component	Exposure route	Parameter	Value	Method	Species
** Biocidal mixture: CAS 886-50-0 (terbutryn), CAS 26530-20-1 ATE (oral) = 1040 mg/kg (calculation)					
(OIT); CAS 2682-20-4; CAS 2	2634-33-5		ATE (dermal) >50	00 mg/kg (calcu	lation)
** Biocidal mixture: CAS	Oral	LD <sub>50</sub>	> 2500 mg/kg	OECD 423	rat
2682-20-4 <i>(</i> 2-	Dermal	LD <sub>50</sub>	> 2000 mg/kg	OECD 402	rat
methylisothiazol-3(2H)-one);					rat
CAS 2634-33-5 (1,2-	inhalation	LC <sub>50</sub> (4 h, dust, fog)	5,7 mg/l	OECD 403	
benzoisothiazol-3(2H)-one)					

# Skin corrosion/irritation



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10

Page: 7/11

# **WOODCHINK**

Based on available data, the criteria for classification of the mixture are not met.

Component	Test results	Method	Species
** Biocidal mixture: CAS 886-50-0, CAS 26530-20-1; CAS 2682-20-4; CAS 2634-33-5	It irritates the skin	OECD 404	rabbit
** Biocidal mixture: CAS 2682-20-4; CAS 2634-33-5	It irritates the skin	OECD 404	rabbit

## Serious eye damage/irritation

Based on available data, the criteria for classification of the mixture are not met.

Component	Test results	Method	Species
** Biocidal mixture: CAS 886-50-0, CAS 26530-20-1; CAS 2682-20-4; CAS 2634-33-5	causes serious eye damage	OECD 404	rabbit
** Biocidal mixture: CAS 2682-20-4; CAS 2634-33-5	causes serious eye	OECD 404	rabbit

## Respiratory or skin sensitisation

The mixture is classified as: may cause an allergic skin reaction.

**CAS 26530-20-1	Proven sensitization	OECD 429	guinea pig
**CAS 886-50-0	Proven sensitization	OECD 429	guinea pig
** Biocidal mixture: CAS 2682-20-4; CAS 2634-33-5	Proven sensitization (skin)	OECD 429	mouse

# Germ cell mutagenicity

Based on available data, the criteria for classification of the mixture are not met.

## Carcinogenicity

Based on available data, the criteria for classification of the mixture are not met.

#### Reproductive toxicity

Based on available data, the criteria for classification of the mixture are not met.

#### STOT-single exposure

Based on available data, the criteria for classification of the mixture are not met.

#### STOT-repeated exposure

Based on available data, the criteria for classification of the mixture are not met.

#### **Aspiration hazard**

Based on available data, the criteria for classification of the mixture are not met.

#### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

As of the date of revision of the safety data sheet, the mixture does not contain substances in a concentration of 0.1% or higher identified as endocrine disruptors according to the criteria of Regulation (EC) No. 1907/2006, (EU) 2017/2100, (EU) 2018/605.

# 11.2.2 Other information

They are not available.

# **SECTION 12: Ecological information**

# 12.1 Toxicity

Based on the criteria of Regulation 1272/2008 / EC, the mixture is classified as harmful to aquatic life with long lasting effects.

Component	Parameter	Value	Method	Species
	EC50 / 48h	6,4 mg/l	OECD 202	invertebrates
** CAS 886-50-0 (terbutryn)	EC50 / 72h	0,0067 mg/l	OECD 201	algae
CAS 666-50-0 (terbutrytt)	LC50 / 96h	1,9 mg/l	OECD 203	fish
	NOEC/21d	0,05 mg/l	OECD 211	invertebrates
	EC50 / 48h	0,42 mg/l	OECD 202	invertebrates
* CAS 26530-20-1 (OIT)	EC50 / 72h	0,084 mg/l	OECD 201	algae
, ,	LC50 / 96h	0,036 mg/l	OECD 203	fish



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023

Version: 10 Page: 8/11

# **WOODCHINK**

	EC20//3h	7,3 mg/l	OECD 209	activated sludge microorganisms
	NOEC / 21d	0,002 mg/l	OECD 211	invertebrates
** Biocidal mixture: CAS 2682- 20-4; CAS 2634-33-5	EC50 / 48h	32 mg/l	OECD 202	invertebrates
	EC50 / 72h	8,4 mg/l	OECD 201	algae
	NOEC / 72h	0,9 mg/l	OECD 201	algae
** CAS 2682-20-4 (2- methylisothiazol-3(2H)-on)	EC20//3h	2,8 mg/l	TTC-test	activated sludge
** CAS 2634-33-5 (1,2- benzoisothiazol-3(2H)-on)		3,3 mg/l	OECD 209	microorganisms

#### 12.2 Persistence and degradability

Data for the mixture are not available

Component	Test results
** CAS 886-50-0	Slow degradability in water; moderately eliminable in wastewater treatment plants.
** CAS 26530-20-1	Slow degradability in water; biodegradable in wastewater treatment plants.
** CAS 2682-20-4	Quickly degradable in wastewater treatment plants.
** CAS 2634-33-5	Quickly degradable in wastewater treatment plants.

# 12.3 Bioaccumulative potential

Data for the mixture are not available

Component	Test results	
** CAS 886-50-0	BCF=103 (calculated); log Kow=3,19 (OECD 117)	
** CAS 26530-20-1	log Kow=2,92 (OECD 117)	not accumulate in
** CAS 2682-20-4	BCF=3,16 (OECD 305); log Kow < 0,32 (OECD 117)	organisms
** CAS 2634-33-5	BCF=6,95 (calculated); log Kow = 0,7 (OECD 117)	

# 12.4 Mobility in soil

Data for the mixture are not available.

Component	Test results
** CAS 886-50-0	No data available
** CAS 26530-20-1	Koc: 179.8 /20°C; slightly mobile in soils /ECHA/
** CAS 2682-20-4	Koc: 6.4 -10 /20°C; highly mobile in soils /ECHA/
** CAS 2634-33-5	Koc: 9.33 /20°C; /ECHA/

## 12.5 Results of PBT and vPvB assessment

As of the date of revision of the safety data sheet, the mixture does not contain substances in a concentration of 0.1% or higher evaluated as PBT or vPvB according to Annex XIII of Regulation (EC) No. 1907/2006.

# 12.6 Endocrine disrupting properties

As of the date of revision of the safety data sheet, the mixture does not contain substances in a concentration of 0.1% or higher identified as endocrine disruptors according to the criteria of Regulation (EC) No. 1907/2006, Commission (EU) 2017/2100, (EU) 2018/605.

## 12.7 Other adverse effects

The components of the mixture are not listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer at the date of preparation of the safety data sheet.

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

## Appropriate methods of waste treatment of mixture and any contaminated packaging

Dispose of in accordance with applicable local regulations. Hand over the marked waste to a company that is authorized to dispose of waste in accordance with the Waste Act. Prevent disposal via sewage system.



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10 Page: 9/11

# **WOODCHINK**

After drying, the rest of the mixture can be disposed of like other waste. Empty packaging can be recycled or disposed of as other waste after cleaning.

The waste generator is responsible for the classification and disposal of the waste. Only the purpose of use allows classification - the waste code is determined according to the waste catalog in agreement with the person authorized to dispose of the waste. Possible waste code:

dried mixture: 08 04 10 "Other waste adhesives and sealing materials not listed under number 08 04 09". empty packaging: 15 01 02 "Plastic packaging".

# Physical/chemical properties that may affect waste treatment options

The relevant information in the other sections must be taken into account.

**Special precautions for recommended waste management**See section 10
Waste legislation

Directive 2008/98 / EC, on waste as amended

Commission Decision 2000/532/EC European Waste Catalogue (EWC)

# **SECTION 14: Transport information**

The product is not classified as dangerous goods for transport (ADR, RID, ADN, IMDG, ICAO-TI)

#### 14.1 UN number or ID number

not specified

#### 14.2 UN proper shipping name

not specified

# 14.3 Transport hazard class(es)

not specified

## 14.4 Packing group

not specified

# 14.5 Environmental hazards

Hazardous to the aquatic environment / marine pollutant: no.

#### 14.6 Special precautions for user

The relevant information in the other sections must be taken into account.

# 14.7 Maritime transport in bulk according to IMO instruments

Not transported.

# **SECTION 15: Regulatory information**

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

Information on European Union provisions

- Regulation (EC) No. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals, as amended (REACH)
- Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of substances and mixtures, as amended (CLP)
- Commission Regulations (EU) 2017/2100 and 2018/605 laying down scientific criteria for the determination of endocrine disrupting properties
- Directive 98/24 / EC on the protection of the health and safety of workers from the risks related to chemical agents at work
- Directive 2004/37 / EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work

#### 15.2 Chemical safety assessment

As of the date of issue of the safety data sheet, it has not been performed.



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10 Page: 10/11

## **WOODCHINK**

## **SECTION 16: Other information**

### \*\*Changes made to the safety data sheet as part of the revision

Data change compared to the previous version is marked \*\*

The review did not reclassify the hazard of the mixture.

The change in the biocidal component did not change the classification of the mixture, but it was necessary to update or supplement the information, or new knowledge was obtained for the section. 2, 3, 8, 9, 10, 11, 12, 16. This version replaces version No. 9 of 15/09/2021.

#### \*\*List of relevant standard hazard statements

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

H318 Causes serious eve damage.

H330 May cause death if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects..

H411 Toxic to aquatic organisms, with long-term effects.

H412 Harmful to aquatic life with long lasting effects..

EUH071 Causes respiratory tract irritation.

# \*\*Key or legend to abbreviations

Skin Sens. 1, 1A

Eye Dam.1

Skin Irrit.2

Skin sensitisation, category 1, 1A

Serious eye damage, category 1

Skin Irritation, category 2

Skin Corr.1B

Skin corrosion, category 1B

STOT SE 3 specific target organ toxicity after single exposure, category 3

Acute Tox. 2,3,4 Acute toxicity, category 2,3,4

Aquatic Acute 1 Hazardous to the aquatic environment – short-term (acute) aquatic hazard, category 1
Aquatic Chronic 1,2,3 Hazardous to the aquatic environment – long-term (chronic) aquatic hazard, category 1,2,3

EuPCS - Harmonized European Product Categorization System; PBT and vPvB - persistent, bioaccumulative, toxic and highly persistent and highly bioaccumulative; CAS - Chemical Abstracts Service number; EC number - number from the European List of Existing Commercial Chemical Substances (EINECS); ATE - estimation of acute toxicity values; OEL - Occupational Exposure Limits; TWA - the average exposure of the worker to the air during each eight-hour shift in a 40-hour working week, which may not be exceeded; DNEL - Derived no-effect level; PNEC Predicted no-effect concentration; LD50 - lethal dose of the substance causing death 50% of the population; LC<sub>50</sub> – Lethal concentration of a substance in which it can be expected death of 50% of the population; NOAEL - dose without observable adverse effects; NOAEC concentration without observable harmful effect; EC50 /EC20 - Concentration of a substance when it is affected 50%/20% of the population; NOEC - No observed effect concentration, OECD - Organization for Economic Co-operation and Development; BCF - Bioconcentration Factor; DC50 - half-life; Koc distribution coefficient organic carbon in the soil - water; log Kow - (logarithm) octanol/water partition coefficient; ADR - European agreement concerning the international carriage of dangerous goods by road; RID - Agreement on the transport of dangerous goods by rail; ADN - Eur. Agreement concerning the International Carriage of Dangerous Goods by National Waterways; IMDG - International Maritime Dangerous Goods; ICAO TI - International Civil Aviation Organization; IMO - IMO - International Maritime Organization: ECHA - European Chemicals Agency

# Key literature references and sources for data

For national and European legislation see Section 15, Safety Data Sheets for mixture components, website echa.europa.eu.



according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2020/878 Creation date: 10.2.2023 Version: 10

Page: 11/11

# **WOODCHINK**

## Mixture classification procedure

The mixture is classified by the calculation method. Sources for classification of the mixture: safety data sheets provided by the manufacturer, general concentration limits set out in Annex I and approved harmonized classification set out in Annex VI to Regulation (EC) 1272/2008.

## Advice on any training appropriate for workers

To acquaint workers with the recommended method of use, storage, mandatory protective equipment, first aid, disposal procedures and prohibited handling according to this safety data sheet.

#### **Declaration**

The safety data sheet contains data necessary to ensure safety and health at work and protection of the environment. The stated data correspond to the current state of knowledge and experience and are in accordance with valid legal regulations. It is the responsibility of the product user to assess the accuracy of the information for a particular application.

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