

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## WP 110 / BAUTEQ Leegipidur

Creation date	24th May 2022	Version	1.0
Revision date			

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

- 1.1. Product identifier** WP 110 / BAUTEQ Leegipidur  
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use** Wood protection.  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**
- |                    |  |
|--------------------|--|
| Name or trade name | Retaflame Ltd.   |
| Address            | Harju maakond, Tallinn, Mustamäe linnaosa, Laki tn<br>11e, Tallinn, 12915<br>Estonia |
| Phone              | +372 50 67 091   |
| E-mail             | retaflame@retaflame.ee   |
- Competent person responsible for the safety data sheet**
- |        |                        |
|--------|------------------------|
| Name   | Retaflame Ltd.         |
| E-mail | retaflame@retaflame.ee |
- 1.4. Emergency telephone number**  
European emergency number: 112

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is classified as dangerous.
- Skin Sens. 1A, H317
- Full text of all classifications and hazard statements is given in the section 16.
- Most serious adverse effects on human health and the environment**  
May cause an allergic skin reaction.
- 2.2. Label elements**  
**Hazard pictogram**

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### Signal word

Warning

**Hazardous substances** reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3one [EC no. 220-239-6] (3:1) **Hazard statements**

H317 May cause an allergic skin reaction.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves.

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

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

P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 015-011-00-6 CAS: 7664-38-2 EC: 231-633-2	orthophosphoric acid 85 %	<0,1	Skin Corr. 1B, H314	1, 2
CAS: 34590-94-8 EC: 252-104-2 Registration number: 01-2119450011-60	(2-methoxymethylethoxy)propanol	<0,1	not classified as dangerous	2

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CAS: 104-76-7 EC: 203-234-3	2-ethylhexan-1-ol	<0,1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335	2
Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 613-167-00-5 CAS: 55965-84-9 Registration number: 01-2120764691-48	reaction mass of: 5-chloro-2- methyl-4isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)	<0,01	Acute Tox. 3, H301 Acute Tox. 2, H310+H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 Specific concentration limit: Eye Irrit. 2, H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A, H317: C ≥ 0,0015 % Skin Irrit. 2, H315: 0,06 % ≤ C < 0,6 % Skin Corr. 1C, H314: C ≥ 0,6 % Eye Dam. 1, H318: C ≥ 0,6 %	1

### Notes

1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis. 2 Substance with a Union workplace exposure limit.

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

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Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

### **If inhaled**

Terminate the exposure immediately; move the affected person to fresh air.

### **If on skin**

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

### **If in eyes**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

### **If swallowed**

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

**If inhaled** Not expected.

### **If on skin**

May cause an allergic skin reaction.

**If in eyes** Not expected.

**If swallowed**

Irritation, nausea.

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

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### **Unsuitable extinguishing media**

Water - full jet.

### **5.2. Special hazards arising from the substance or mixture**

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### **5.3. Advice for firefighters**

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Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Commission Directive (EU) 2017/164

Substance name (component)	Type	Value	Note
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2-ethylhexan-1-ol (CAS: 104-76-7)	OEL 8 hours	5,4 mg/m <sup>3</sup>	
	OEL 8 hours	1 ppm	

European Union

Commission Directive 2000/39/EC

Substance name (component)	Type	Value	Note
orthophosphoric acid 85 % (CAS: 7664-38-2)	OEL 8 hours	1 mg/m <sup>3</sup>	
	OEL 15 minutes	2 mg/m <sup>3</sup>	
(2-methoxymethylethoxy)propanol (CAS: 34590-94-8)	OEL 8 hours	308 mg/m <sup>3</sup>	Skin
	OEL 8 hours	50 ppm	

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment. **Thermal hazard** Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	data not available
Odour	data not available
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available

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Auto-ignition temperature	data not available
Decomposition temperature	data not available
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

not available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

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## SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met. **Skin corrosion/irritation**

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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

May cause an allergic skin reaction.

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3 - one [EC no. 220-239-6] (3:1)

Route of exposure	Result	Time of exposure	Species	Sex
Skin	Sensitizing		Guinea-pig (Cavia aperea f. porcellus)	

### 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.

### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met. **Toxicity**

### for specific target organ - repeated exposure

Based on available data the classification criteria are not met. **Aspiration hazard**

Based on available data the classification criteria are not met.

## 11.2. Information on other hazards

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

**Acute toxicity** reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3 - one [EC no. 220-239-6] (3:1)

Parameter	Method	Value	Time of exposure	Species	Environment
EC <sub>50</sub>	OECD 201	0.048 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)	
EC <sub>50</sub>	OECD 202	0.1 mg/l	48 hour	Daphnia (Daphnia magna)	



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LC <sub>50</sub>	OECD 203	0.22 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC <sub>50</sub>	OECD 209	7.92 mg/l	3 hour		Activated sludge
EC <sub>50</sub>	OECD 209	0.97 mg/l	3 hour		Activated sludge

**Chronic toxicity** reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3 - one [EC no. 220-239-6] (3:1)

Parameter	Method	Value	Time of exposure	Species	Environment
NOEC		0.00064 mg/l	48 hour	Algae (Skeletonema costatum)	
NOEC	OECD 211	0.004 mg/l	21 day	Daphnia (Daphnia magna)	
NOEC	OECD 201	0.0012 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)	

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3 - one [EC no. 220-239-6] (3:1)

Parameter	Method	Value	Time of exposure	Species	Environment
NOEC	OECD 210	0.098 mg/l	28 day	Fishes (Oncorhynchus mykiss)	

### 12.2. Persistence and degradability

**Biodegradability** reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3 - one [EC no. 220-239-6] (3:1)

Parameter	Method	Value	Time of exposure	Environment	Determining method	Result
	OECD 301D	>60 %				
BCF		1.41			Calculation of value	
Log Pow		<3				

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	OECD 301	>60 %				
	OECD 302B	100 %				

not available

**12.3. Bioaccumulative potential** reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3 - one [EC no. 220-239-6] (3:1)

Parameter	Method	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]	Determining method
BCF		3.16					Calculation of value
Log Kow	OECD 117	≤0.71					Calculation of value

Not available.

**12.4. Mobility in soil**

Not available.

**12.5. Results of PBT and vPvB assessment**

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Endocrine disrupting properties**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**12.7. Other adverse effects**

Not available.

### SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

**Waste management legislation**

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Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### SECTION 14: Transport information

- 14.1. UN number or ID number** not subject to transport regulations
- 14.2. UN proper shipping name** not relevant
- 14.3. Transport hazard class(es)** not relevant
- 14.4. Packing group** not relevant
- 14.5. Environmental hazards** not relevant
- 14.6. Special precautions for user** Reference in the Sections 4 to 8.
- 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**  
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.
- 15.2. Chemical safety assessment** not available

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

- |      |  |
|------|--|
| H301 | Toxic if swallowed.                      |
| H314 | Causes severe skin burns and eye damage. |

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H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H310+H330	Fatal in contact with skin or if inhaled.

### Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

### A list of additional standard phrases used in the safety data sheet

EUH071	Corrosive to the respiratory tract.
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### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
ES	Identification code for each substance listed in EINECS
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association

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IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product. **Recommended restrictions of use** not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as

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amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

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### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

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