

# HIT-FP 700-R

# Safety information for 2-Component-products

Issue date: 16/06/2025 Revision date: 16/06/2025 Supersedes: 31/05/2022 Version: 1.1

# **SECTION 1: Kit identification**

### 1.1 Product identifier

Product name HIT-FP 700-R
Product code BU Anchor



# 1.2 Details of the supplier of the Safety information for 2-Component-products

Hilti (Switzerland) Ltd. Kalchbühlstrasse 22 8038 Zurich - Switzerland T +41 844 84 84 85 - F +41 844 84 84 86 info@hilti.ch

# **SECTION 2: General information**

Storage temperature : 5 - 25 °C

Switzerland

 Swiss CPID No
 859867-18

 VOCV (Swiss)
 0 %

A SDS for each of these components is included. Please do not separate any component SDS from this cover page

This Kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used

# **SECTION 3: Kit contents**

### **Classification of the Product**

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315 Eye Dam. 1 H318

Full text of H- and EUH-statements: see section 16

# Label elements

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

Hazard pictograms (CLP)

GHS05 Danger

Signal word (CLP)

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# HIT-FP 700-R

# Kit Safety Information Sheet (SIS)

Hazardous ingredients lithium hydroxide; L-(+)-tartaric acid
Hazard statements (CLP) H315 - Causes skin irritation.
H318 - Causes serious eye damage.

Precautionary statements (CLP) P280 - Wear eye protection, protective clothing, protective gloves.

P262 - Do not get in eyes, on skin, or on clothing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P302+P352 - IF ON SKIN: Wash with plenty of water.

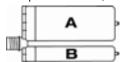
P337+P313 - If eye irritation persists: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

EUH-statements EUH208 - Contains . May produce an allergic reaction.

Extra phrases

# **Additional information**

2-component-foilpack, contains: Component A: Cement, Inhibitor, Water Component B: Base, Accelerator, Filler



Name	General description	Quantity	Unit	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HIT-FP 700-R, B		1	pcs (pieces)	Skin Irrit. 2, H315 Eye Dam. 1, H318

No substance or mixture included in the following Kit components is hazardous according to Regulation (EC) No. 1272/2008 [CLP] and therefore the requirements of Regulation (EU) 2015/830 do not apply

Name	General description	Quantity	Unit
HIT-FP 700-R, A		1	pcs (pieces)

# **SECTION 4: General information**

General advice For professional users only

# SECTION 5: Safe handling advice

General measures Spilled material may present a slipping hazard Environmental precautions Prevent entry to sewers and public waters

Notify authorities if liquid enters sewers or public waters

Avoid release to the environment

Full or only partially emptied cartridges must be disposed of as special waste in accordance

with official regulations.

Storage conditions Protect from sunlight. Store in a well-ventilated place.

Technical measures

Comply with applicable regulations

Precautions for safe handling

Wear personal protective equipment

Avoid contact with skin and eyes

Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work

Avoid contact during pregnancy/while nursing

Methods for cleaning up

This material and its container must be disposed of in a safe way, and as per local legislation

Mechanically recover the product

On land, sweep or shovel into suitable containers

Store away from other materials.

For containment Collect spillage.

Incompatible materials Sources of ignition
Direct sunlight

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# HIT-FP 700-R

# Kit Safety Information Sheet (SIS)

Incompatible products Strong bases Strong acids

**SECTION 6: First aid measures** 

First-aid measures after eye contact Get immediate medical advice/attention.

Immediately rinse with water for a prolonged period while holding the eyelids wide open

Remove contact lenses, if present and easy to do. Continue rinsing.

Consult an eye specialist

First-aid measures after ingestion Do not induce vomiting

Rinse mouth

Immediately call a POISON CENTER/doctor.

First-aid measures after inhalation Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact

Wash with plenty of water/...

Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get immediate medical advice/attention.

First-aid measures general Never give anything by mouth to an unconscious person

If you feel unwell, seek medical advice (show the label where possible)

Symptoms/effects Causes severe skin burns and eye damage.

Symptoms/effects after eye contact Causes serious eye damage.

Symptoms/effects after skin contact May cause an allergic skin reaction.

# SECTION 7: Fire fighting measures

Exercise caution when fighting any chemical fire

Prevent fire fighting water from entering the environment

Protection during firefighting Self-contained breathing apparatus

Do not enter fire area without proper protective equipment, including respiratory protection

Hazardous decomposition products in case of

fire

Thermal decomposition generates:

Carbon dioxide
Carbon monoxide

# **SECTION 8: Other information**

No data available

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# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Issue date: 6/16/2025 Revision date: 6/16/2025 Supersedes version of: 5/31/2022 Version: 1.1

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

#### 1.1. Product identifier

Product form Mixture

Trade name HIT-FP 700-R, B

JFI J6H3-V6YR-391K-G1QU

Swiss CPID No 859863-30
Product code BU Anchor

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec For professional use only

Use of the substance/mixture Composite mortar component for fasteners in the construction industry

Function or use category For professional use only

1.2.2. Uses advised against

Restrictions on use Professional use

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

Supplier Department issuing data specification sheet

Hilti (Switzerland) Ltd. Hilti Entwicklungsgesellschaft mbH

Kalchbühlstrasse 22 Hiltistraße 6
CH 8038 Zurich DE 86916 Kaufering
Switzerland Deutschland

T +41 844 84 85, F +41 844 84 84 86 T +49 8191 906876

info@hilti.ch product.compliance-anchors@hilti.com

# 1.4. Emergency telephone number

Emergency number Emergency CONTACT (24-Hour-Number):

GBK GmbH Global Regulatory Compliance

+49 (0)6132-84463

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 1 H318

Full text of H- and EUH-statements: see section 16

# Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP) Danger



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Contains lithium hydroxide; L-(+)-tartaric acid

Hazard statements (CLP)

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

Precautionary statements (CLP) P280 - Wear eye protection, protective clothing, protective gloves.

P262 - Do not get in eyes, on skin, or on clothing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P302+P352 - IF ON SKIN: Wash with plenty of water.

P337+P313 - If eye irritation persists: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component		
citric acid (77-92-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Lithium sulphate (10377-48-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
lithium hydroxide (1310-65-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
L-(+)-tartaric acid (87-69-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
citric acid (77-92-9)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
Lithium sulphate (10377-48-7)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
lithium hydroxide (1310-65-2)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
L-(+)-tartaric acid (87-69-4)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605



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

# 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	Conc.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
citric acid substance with national workplace exposure limit(s) (CH)	CAS-No.: 77-92-9 EC-No.: 201-069-1 REACH-no: 01-2119457026- 42	2.5 – 5	Eye Irrit. 2, H319 STOT SE 3, H335
Lithium sulphate	CAS-No.: 10377-48-7 EC-No.: 233-820-4 REACH-no: 01-2119968668- 14	1 – 2.5	Acute Tox. 4 (Oral), H302 (ATE=613 mg/kg bodyweight) Eye Irrit. 2, H319
lithium hydroxide	CAS-No.: 1310-65-2 EC-No.: 215-183-4	1 – 2.5	Acute Tox. 4 (Oral), H302 (ATE=330 mg/kg bodyweight) Acute Tox. 3 (Inhalation:dust,mist), H331 (ATE=0.96 mg/l/4h) Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
L-(+)-tartaric acid substance with national workplace exposure limit(s) (CH)	CAS-No.: 87-69-4 EC-No.: 201-766-0 REACH-no: 01-2119537204- 47	1 – 2.5	Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

# **SECTION 4: First aid measures**

4.1. Description of first aid measures	
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Allow affected person to breathe fresh air. Allow the victim to rest. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	Get immediate medical advice/attention. Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an eye specialist. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Obtain emergency medical attention.

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

Symptoms/effects Not expected to present a significant hazard under anticipated conditions of normal use.

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



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# **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire Thermal decomposition generates : Carbon monoxide. Carbon dioxide.

#### 5.3. Advice for firefighters

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting Self-contained breathing apparatus. Do not enter fire area without proper protective

equipment, including respiratory protection.

# **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment Use personal protective equipment as required. Equip cleanup crew with proper protection.

Emergency procedures Ventilate area.

### 6.2. Environmental precautions

Full or only partially emptied cartridges must be disposed of as special waste in accordance with official regulations. Prevent entry to sewers and public waters.

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

Methods for cleaning up

This material and its container must be disposed of in a safe way, and as per local

legislation. Mechanically recover the product. On land, sweep or shovel into suitable

containers. Store away from other materials.

# 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13. See Section 8. Exposure controls and personal protection.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling Wear personal protective equipment. Avoid contact with skin and eyes. Wash hands and

other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not eat, drink or smoke when using this product. Always wash hands after handling the

Hygiene measures Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Storage conditions Keep cool. Protect from sunlight.

Incompatible products Strong bases. Strong acids.

Incompatible materials Sources of ignition. Direct sunlight.

Storage temperature 5-25 °C

### 7.3. Specific end use(s)



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# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

Additional information

The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.

# 8.1.1. National occupational exposure and biological limit values

HIT-FP 700-R, B		
Switzerland - Occupational Exposure Limits		
Local name	Acide tartrique / Weinsäure	
MAK (OEL TWA)	2 mg/m³ (i) / (e)	
KZGW (OEL STEL)	4 mg/m³ (i) / (e)	
Critical toxicity	VR / AW	
Notation	SS <sub>c</sub> / SS <sub>c</sub>	
Regulatory reference	www.suva.ch, 01.01.2023	
citric acid (77-92-9)		
Switzerland - Occupational Exposure Limits		
Local name	Acide citrique / Zitronensäure	
MAK (OEL TWA)	2 mg/m³ (i) / (e)	
KZGW (OEL STEL)	4 mg/m³ (i) / (e)	
Notation	SS <sub>c</sub> / SS <sub>c</sub>	
Regulatory reference	www.suva.ch, 01.01.2025	
L-(+)-tartaric acid (87-69-4)		
Switzerland - Occupational Exposure Limits		
Local name	Acide tartrique / Weinsäure	
MAK (OEL TWA)	2 mg/m³ (i) / (e)	
KZGW (OEL STEL)	4 mg/m³ (i) / (e)	
Notation	SS <sub>c</sub> / SS <sub>c</sub>	
Regulatory reference	www.suva.ch, 01.01.2025	

# 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

# 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls



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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Avoid all unnecessary exposure.

### Personal protective equipment symbol(s):







### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

### 8.2.2.2. Skin protection

#### Hand protection:

Protective gloves

### 8.2.2.3. Respiratory protection

No additional information available

#### 8.2.2.4. Thermal hazards

No additional information available

# 8.2.3. Environmental exposure controls

# Other information:

pH solution

Do not eat, drink or smoke during use. No additional information available

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

# 9.1. Information on basic physical and chemical properties

Physical state Solid Colour Light grey. Appearance Thixotropic paste. Odour characteristic. Odour threshold Not available Melting point Not available Freezing point Not available Boiling point Not available Flammability Non flammable. Lower explosion limit Not applicable Not applicable Upper explosion limit Not applicable Flash point Auto-ignition temperature Not applicable Decomposition temperature Not available 11 – 12.5

Viscosity, kinematic 186.047 – 487.805 mm²/s

Viscosity, kinematic

Viscosity, dynamic

Solubility

Partition coefficient n-octanol/water (Log Kow)

Vapour pressure

Vapour pressure at 50°C

Not available

Vapour pressure at 50°C

Not available

Density

2.05 – 2.15 g/cm³

Not available



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Relative density Not available Relative vapour density at 20°C Not applicable Particle size Not available Particle size distribution Not available Not available Particle shape Not available Particle aspect ratio Particle specific surface area Not available Particle dustiness Not available

#### 9.2. Other information

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

No additional information available

### 9.2.2. Other safety characteristics

No additional information available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

Hardening time Refer to instruction manual/booklet

# 10.3. Possibility of hazardous reactions

No additional information available.

# 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

# 10.5. Incompatible materials

Strong acids. Strong bases.

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Not classified Not classified

citric acid (77-92-9)		
LD50 oral rat	11700 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral, 7 day(s))	
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))	
Lithium sulphate (10377-48-7)		
LD50 oral rat	613 mg/kg bodyweight (Rat, Experimental value, Oral)	
LD50 oral	613 mg/kg	



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Lithium sulphate (10377-48-7)	
LD50 dermal rabbit	> 3000 mg/kg
lithium hydroxide (1310-65-2)	
LD50 oral rat	330 mg/kg (Rat, Female, Weight of evidence, Oral)
LD50 dermal rat	> 2000 mg/kg (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	3400 g/m³
LC50 Inhalation - Rat (Dust/Mist)	0.96 mg/l/4h
L-(+)-tartaric acid (87-69-4)	
LD50 oral rat	2000 – 5000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, 14 day(s), Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
Skin corrosion/irritation	Causes skin irritation.
Additional information	pH: 11 – 12.5 On basis of test data
Serious eye damage/irritation	Causes serious eye damage.
consus sys admage/imalien	pH: 11 – 12.5
Respiratory or skin sensitisation	Not classified
Additional information	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Carcinogenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Reproductive toxicity	Not classified
Additional information	Based on available data, the classification criteria are not met
STOT-single exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
citric acid (77-92-9)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
Aspiration hazard	Not classified
Additional information	Based on available data, the classification criteria are not met
HIT-FP 700-R, B	
Viscosity, kinematic	186.047 – 487.805 mm²/s

# 11.2. Information on other hazards

# 11.2.1. Endocrine disrupting properties

# 11.2.2. Other information

Potential adverse human health effects and

symptoms



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SECTION 12: Ecological information
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SECTION 12. Ecological illiorillation	
12.1. Toxicity	
Hazardous to the aquatic environment, short–term (acute)	Not classified
Hazardous to the aquatic environment, long–term (chronic)	Not classified
citric acid (77-92-9)	
LC50 - Fish [1]	440 – 760 mg/l (Equivalent or similar to OECD 203, 48 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
Lithium sulphate (10377-48-7)	
EC50 72h - Algae [1]	> 400 mg/l (OECD 201: Alga, Growth Inhibition Test, Desmodesmus subspicatus, Static system, Fresh water, Read-across)
lithium hydroxide (1310-65-2)	
LC50 - Fish [1]	62.2 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Calculated value, Nominal concentration)
EC50 - Crustacea [1]	19.1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	87.57 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Calculated value, Nominal concentration)
L-(+)-tartaric acid (87-69-4)	
EC50 72h - Algae [1]	51.404 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Cell numbers)
12.2. Persistence and degradability	
HIT-FP 700-R, B	
Persistence and degradability	Not established.

HIT-FP 700-R, B		
Persistence and degradability	Not established.	
citric acid (77-92-9)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0.42 g O₂/g substance	
Chemical oxygen demand (COD)	0.728 g O₂/g substance	
ThOD	0.686 g O <sub>2</sub> /g substance	
Lithium sulphate (10377-48-7)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
lithium hydroxide (1310-65-2)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	



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L-(+)-tartaric acid (87-69-4)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.35 g O₂/g substance
Chemical oxygen demand (COD)	0.42 g O₂/g substance
ThOD	0.53 g O₂/g substance

# 12.3. Bioaccumulative potential

HIT-FP 700-R, B		
Bioaccumulative potential	Not established.	
citric acid (77-92-9)		
Partition coefficient n-octanol/water (Log Pow)	-1.8 – -1.55 (Experimental value)	
Bioaccumulative potential	Not bioaccumulative.	
Lithium sulphate (10377-48-7)		
Partition coefficient n-octanol/water (Log Pow)	-4.38 (Calculated, 20 °C)	
Bioaccumulative potential	Not bioaccumulative.	
lithium hydroxide (1310-65-2)		
Bioaccumulative potential	Not bioaccumulative.	
L-(+)-tartaric acid (87-69-4)		
Partition coefficient n-octanol/water (Log Pow)	-1.91 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C)	
Bioaccumulative potential	Not bioaccumulative.	

# 12.4. Mobility in soil

12.4. Mobility III soil		
citric acid (77-92-9)		
Surface tension	No data available in the literature	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Ecology - soil	Highly mobile in soil.	
Lithium sulphate (10377-48-7)		
Ecology - soil	No (test)data on mobility of the substance available.	
lithium hydroxide (1310-65-2)		
Surface tension	No data available in the literature	
Ecology - soil	Low potential for adsorption in soil.	
L-(+)-tartaric acid (87-69-4)		
Surface tension	No data available in the literature	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Ecology - soil	Highly mobile in soil.	



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# 12.5. Results of PBT and vPvB assessment

#### HIT-FP 700-R, B

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information

Avoid release to the environment.

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations Dispose in a safe manner in accordance with local/national regulations. After curing, the

product can be disposed of with household waste.

Ecological waste information

European List of Waste (LoW, EC 2000/532)

 $08\ 04\ 09^{\star}$  - waste adhesives and sealants containing organic solvents or other dangerous

substances

20 01 27\* - paint, inks, adhesives and resins containing dangerous substances

HP Code

HP4 - "Irritant - skin irritation and eye damage:" waste which on application can cause skin

irritation or damage to the eye.

Avoid release to the environment.

# **SECTION 14: Transport information**

In accordance with IMDG / IATA / ADN / RID

IMDG	IATA	ADN	RID
14.1. UN number or ID number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		,	
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group		1	
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		,	
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information availab	le	1	

# 14.6. Special precautions for user

### Transport by sea

Not applicable

### Air transport

Not applicable



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

#### Inland waterway transport

Not applicable

### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

# Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

Air Quality Control (TA Luft)					
Category	Class	Applicable on	Local name		Max. mass concentration

#### Switzerland

Storage class (LK)	LK 11/13 - Solids
Swiss CPID No	859863-30
VOCV (Swiss)	0 %

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Indication of changes			
Section	Changed item	Change	Comments
1.3	Address	Modified	

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
ThOD	Theoretical oxygen demand (ThOD)	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disruptor	

Other information None.

Full text of H- and EUH-st	Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	



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Full text of H- and EUH-statements:		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
H335	May cause respiratory irritation.	
H412	Harmful to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

# SDS\_EU\_Hilti

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Issue date: 6/16/2025 Revision date: 6/16/2025 Supersedes version of: 5/31/2022 Version: 1.1

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

#### 1.1. Product identifier

Product form Mixture
Trade name HIT-FP 700-R, A
Swiss CPID No 859858-45
Product code BU Anchor

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

1.2.1. Relevant identified uses

Industrial/Professional use spec For professional use only

Use of the substance/mixture Composite mortar component for fasteners in the construction industry

Function or use category For professional use only

1.2.2. Uses advised against

Restrictions on use Professional use

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

Supplier Department issuing data specification sheet

Hilti (Switzerland) Ltd. Hilti Entwicklungsgesellschaft mbH

Kalchbühlstrasse 22 Hiltistraße 6
CH 8038 Zurich DE 86916 Kaufering

Switzerland Deutschland

T +41 844 84 85, F +41 844 84 86

T +49 8191 906876

info@hilti.ch

T +49 8191 906876

product.compliance-anchors@hilti.com

# 1.4. Emergency telephone number

Emergency number Emergency CONTACT (24-Hour-Number):

GBK GmbH Global Regulatory Compliance

+49 (0)6132-84463

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements EUH208 - Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

# 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Component	
2-octyl-2H-isothiazol-3-one (26530-20-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
2-octyl-2H-isothiazol-3-one (26530-20-1)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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

### 3.1. Substances

Not applicable

# 3.2. Mixtures

Name	Product identifier	Conc.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-octyl-2H-isothiazol-3-one substance with national workplace exposure limit(s) (CH)	CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5 REACH-no: 01-2120768921- 45	< 0.0015	Acute Tox. 2 (Inhalation:dust,mist), H330 (ATE=0.27 mg/l) Acute Tox. 3 (Dermal), H311 (ATE=311 mg/kg bodyweight) Acute Tox. 3 (Oral), H301 (ATE=125 mg/kg bodyweight) Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
2-octyl-2H-isothiazol-3-one	CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5 REACH-no: 01-2120768921-	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317

Full text of H- and EUH-statements: see section 16

# **SECTION 4: First aid measures**

4.1. Description of first aid measures	
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Allow affected person to breathe fresh air. Allow the victim to rest.



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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

First-aid measures after skin contact Remove affected clothing and wash all exposed skin area with mild soap and water,

followed by warm water rinse.

First-aid measures after eye contact Get immediate medical advice/attention. Immediately rinse with water for a prolonged period

while holding the eyelids wide open. Consult an eye specialist. Rinse immediately with

plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Obtain emergency medical

attention.

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

Symptoms/effects Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation No information available. Symptoms/effects after skin contact No information available. Symptoms/effects after eye contact No information available. Symptoms/effects after ingestion No information available.

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

No additional information available.

# **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media Dry powder. Carbon dioxide. Water spray. Alcohol-resistant foam.

Unsuitable extinguishing media Do not use a heavy water stream.

# 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire Thermal decomposition generates : Corrosive vapours. In case of fire and/or explosion do

not breathe fumes.

### 5.3. Advice for firefighters

Firefighting instructions Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering

the environment.

Protection during firefighting Self-contained breathing apparatus. Do not enter fire area without proper protective

equipment, including respiratory protection.

# **SECTION 6: Accidental release measures**

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

### 6.1.1. For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment Use personal protective equipment as required. Equip cleanup crew with proper protection.

Emergency procedures Ventilate area.

# 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

Methods for cleaning up Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica

gel). Collect all waste in suitable and labelled containers and dispose according to local

legislation

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13. See Section 8. Exposure controls and personal protection.



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling Wear personal protective equipment. Do not breathe vapours. Avoid contact with skin and

eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to

prevent formation of vapour.

Hygiene measures Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Storage conditions Do not use metal containers. Keep container tightly closed.

Incompatible materials Metals.

### 7.3. Specific end use(s)

No additional information available

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

#### 8.1. Control parameters

Additional information The product has a pasty consistency. Exposure limit values for respirable dusts are not

relevant for this product.

# 8.1.1. National occupational exposure and biological limit values

HIT-FP 700-R, A		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Orthophosphoric acid	
IOEL TWA	1 mg/m³	
IOEL STEL	2 mg/m³	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
Switzerland - Occupational Exposure Limits		
Local name	2-n-Octyle-2,3-dihydroisothiazol-3-one / 2-n-Octyl-2,3-dihydroisothiazol-3-on	
MAK (OEL TWA)	0.05 mg/m³ (i) / (e)	
KZGW (OEL STEL)	0.1 mg/m³ (i) / (e)	
Critical toxicity	VRS / OAW	
Notation	R, S / H, S	
Regulatory reference	www.suva.ch, 01.01.2023	
2-octyl-2H-isothiazol-3-one (26530-20-1)		
Switzerland - Occupational Exposure Limits		
Local name	2-n-Octyle-2,3-dihydroisothiazole-3-one	
MAK (OEL TWA)	0.05 mg/m³	
KZGW (OEL STEL)	0.1 mg/m³	
Notation	R, S / H, S	
Remark	4x15	



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 2-octyl-2H-isothiazol-3-one (26530-20-1)

Regulatory reference www.suva.ch, 01.01.2025

#### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

# 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Avoid all unnecessary exposure.

# Personal protective equipment symbol(s):







# 8.2.2.1. Eye and face protection

### Eye protection:

Chemical goggles or safety glasses

### 8.2.2.2. Skin protection

### Hand protection:

Protective gloves

### 8.2.2.3. Respiratory protection

No additional information available

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

No additional information available

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

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

Physical state Solid
Colour Light grey.
Appearance Thixotropic paste.
Odour odourless.
Odour threshold Not available



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Melting point Not available Freezing point Not available Boiling point Not available Flammability Non flammable. Lower explosion limit Not applicable Not applicable Upper explosion limit Flash point Not applicable Not applicable Auto-ignition temperature Decomposition temperature Not available 4.5 - 7.5pH solution Not available

Viscosity, kinematic 83.721 – 243.902 mm²/s

Viscosity, dynamic 180 - 500Solubility Not available Partition coefficient n-octanol/water (Log Kow) Not available Vapour pressure Not available Vapour pressure at 50°C Not available Density 2.05 - 2.15 g/cm<sup>3</sup> Relative density Not available Relative vapour density at 20°C Not applicable Not available Particle size Particle size distribution Not available Not available Particle shape Particle aspect ratio Not available Particle specific surface area Not available Particle dustiness Not available

# 9.2. Other information

# 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Corrosive.

# 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

No additional information available.

# 10.5. Incompatible materials

No additional information available

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

# **SECTION 11: Toxicological information**

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

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

2-octyl-2H-isothiazol-3-one (26530-20-1)		
LD50 oral rat	550 mg/kg (Rat, Literature study, Oral)	
LD50 oral	355 mg/kg	
LD50 dermal rabbit	690 mg/kg bodyweight (Rabbit, Literature study, Dermal)	
LD50 dermal	311 mg/kg	
LC50 Inhalation - Rat	> 2 mg/m³ (4 h, Rat, Literature study, Inhalation (vapours))	
LC50 Inhalation - Rat (Dust/Mist)	0.586 mg/l/4h	
	·	

Based on available data, the classification criteria are not met

 $\begin{array}{ccc} \text{Skin corrosion/irritation} & \text{Not classified} \\ & \text{pH: } 4.5 - 7.5 \\ \text{Serious eye damage/irritation} & \text{Not classified} \\ & \text{pH: } 4.5 - 7.5 \\ \end{array}$ 

Not classified

Germ cell mutagenicity Not classified

Additional information

Based on available data, the classification criteria are not met

Carcinogenicity Not classified

Additional information Based on available data, the classification criteria are not met

Reproductive toxicity Not classified

Additional information Based on available data, the classification criteria are not met

STOT-single exposure Not classified

Additional information Based on available data, the classification criteria are not met

STOT-repeated exposure Not classified

Additional information Based on available data, the classification criteria are not met

Aspiration hazard Not classified

Additional information Based on available data, the classification criteria are not met

Viscosity, kinematic 83.721 – 243.902 mm²/s

### 11.2. Information on other hazards

No additional information available

Respiratory or skin sensitisation

Additional information

# **SECTION 12: Ecological information**

### 12.1. Toxicity

HIT-FP 700-R, A

Hazardous to the aquatic environment, short-term

acute)

Not classified

Hazardous to the aquatic environment, long-term

Not classified

(chronic)

2-octyl-2H-isothiazol-3-one (26530-20-1)	
LC50 - Fish [1]	0.14 mg/l (96 h, Pimephales promelas, Literature study)
LC50 - Fish [2]	0.05 mg/l (96 h, Oncorhynchus mykiss, Literature study)



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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

2-octyl-2H-isothiazol-3-one (26530-20-1)	
EC50 - Crustacea [1]	0.18 mg/l (48 h, Daphnia magna, Literature study)
EC50 - Crustacea [2]	0.32 mg/l (48 h, Daphnia magna, Literature study)
NOEC chronic fish	0.012 mg/l

# 12.2. Persistence and degradability

HIT-FP 700-R, A	
Persistence and degradability	Not established.
2-octyl-2H-isothiazol-3-one (26530-20-1)	
Persistence and degradability	Inherently biodegradable.

# 12.3. Bioaccumulative potential

HIT-FP 700-R, A		
Bioaccumulative potential	Not established.	
2-octyl-2H-isothiazol-3-one (26530-20-1)		
BCF - Fish [1]	1280 (67 day(s), Lepomis macrochirus, Flow-through system, Literature study)	
Partition coefficient n-octanol/water (Log Pow)	2.45 (Experimental value)	
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).	

### 12.4. Mobility in soil

2-octyl-2H-isothiazol-3-one (26530-20-1)	
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Results of PBT and vPvB assessment

### HIT-FP 700-R, A

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

# 12.6. Endocrine disrupting properties

No additional information available

# 12.7. Other adverse effects

Additional information Avoid release to the environment.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Product/Packaging disposal recommendations

Dispose in a safe manner in accordance with local/national regulations. After curing, the product can be disposed of with household waste.

Ecological waste information

Avoid release to the environment.

European List of Waste (LoW, EC 2000/532)

08 04 09\* - waste adhesives and sealants containing organic solvents or other dangerous

20 01 27\* - paint, inks, adhesives and resins containing dangerous substances

# **SECTION 14: Transport information**



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

In accordance with ADR / IMDG / IATA / RID

14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable		
Not applicable	Not applicable	Not applicable		
Not applicable	Not applicable	Not applicable		
Not applicable	Not applicable	Not applicable		
Not applicable Not applicable		Not applicable		
	Not applicable  Not applicable  Not applicable	Not applicable  Not applicable  Not applicable  Not applicable  Not applicable  Not applicable		

# 14.6. Special precautions for user

### **Overland transport**

Not applicable

### Transport by sea

Not applicable

#### Air transport

Not applicable

# Rail transport

Not applicable

# 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# **SECTION 15: Regulatory information**

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

# 15.1.1. EU-Regulations

### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

# **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

# **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

# PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

Category Class Applicable on Local name Max. mass flow Max. mass concentration	Air Quality Control (TA Luft)					
	Category	Class	Applicable on	Local name		

### Switzerland

 Storage class (LK)
 LK 11/13 - Solids

 Swiss CPID No
 859858-45

 VOCV (Swiss)
 0 %

# 15.2. Chemical safety assessment

No additional information available

# **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
1.3	Address	Modified	

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
NOEC	No-Observed Effect Concentration	



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Abbreviations and acronyms:		
OECD	Organisation for Economic Co-operation and Development	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
ThOD	Theoretical oxygen demand (ThOD)	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disruptor	

Full text of H- and EUH-statements:		
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Skin Corr. 1	Skin corrosion/irritation, Category 1	
Skin Sens. 1A	Skin sensitisation, category 1A	
H301	Toxic if swallowed.	
H311	Toxic in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H330	Fatal if inhaled.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
EUH071	Corrosive to the respiratory tract.	
EUH208	Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.	
EUH210	Safety data sheet available on request.	

SDS\_EU\_Hilti

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.