

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

glimtrex Special Thinner 1010072

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

#### Use of the substance/preparation

Surface treatment of wood and other materials

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

#### Manufacturer

glimtrex GmbH

Orkotten 68

48291 Telgte

Telephone no. +49 (0) 2504 88887-111

Fax no. +49 (0) 2504 88887-112

E-mail address info@glimtrex.de

### 1.4. Emergency telephone number

Germany: +49 (0) 30 30686700

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1 H304

Aquatic Chronic 4 H413

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

##### Hazard pictograms



##### Signal word

Danger

##### Hazard statements

H304

May be fatal if swallowed and enters airways.

H413

May cause long lasting harmful effects to aquatic life.

##### Precautionary statements

P273

Avoid release to the environment.

P308+P313

IF exposed or concerned: Get medical advice/ attention.

P331

Do NOT induce vomiting.

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

P405 Store locked up.  
P501.1 Dispose of contents/container to industrial incineration plant.

**Supplemental information**

EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB) (if not listed in Section 3).

**3. Composition/information on ingredients****Hazardous ingredients****Hydrocarbons, C11-C12, isoalkanes, <2% aromatics**

EINECS no.	918-167-1			
Registration no.	01-2119472146-39			
Concentration	>= 50			%
Classification (Regulation (EC) No. 1272/2008)				
	Flam. Liq. 3			H226
	Asp. Tox. 1			H304
	Aquatic Chronic 4			H413

**Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics**

EINECS no.	927-285-2			
Registration no.	01-2119480162-45			
Concentration	>= 10	< 25		%
Classification (Regulation (EC) No. 1272/2008)				
	Asp. Tox. 1			H304

**Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**

CAS No.	246538-78-3			
EINECS no.	920-901-0			
Registration no.	01-2119456810-40			
Concentration	>= 10	< 25		%
Classification (Regulation (EC) No. 1272/2008)				
	Asp. Tox. 1			H304
				EUH066

**Note**

For explanation of abbreviations see section 16.  
This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) (if not listed in Section 3).

**4. First aid measures****4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical attention. If unconscious place in recovery position and seek medical advice. First aider: Pay attention to self-protection! Remove affected person from danger area, lay him down.

**After inhalation**

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Keep warm, calm and covered up. In all cases of doubt, or when symptoms persist, seek medical attention.

#### **After skin contact**

Wash off immediately with soap and water. Do NOT use solvents or thinners. Consult a doctor if skin irritation persists.

#### **After eye contact**

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

#### **After ingestion**

Do not induce vomiting. Take medical treatment.

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

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects.

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

#### **Hints for the physician / treatment**

Treat symptomatically.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist

#### **Non suitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

Fire will produce dense black smoke. In a fire, hazardous decomposition products may be produced. Exposure to decomposition products may cause a health hazard. Vapours can form an explosive mixture with air.

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

#### **Special protective equipment for fire-fighting**

In case of combustion evolution of dangerous gases possible. Use self-contained breathing apparatus.

#### **Other information**

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water. Standard procedure for chemical fires.

## **6. Accidental release measures**

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

Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Do not inhale vapours. Do not inhale gases. Do not inhale mist.

### **6.2. Environmental precautions**

Do not allow to enter drains or waterways. Do not allow to enter soil, waterways or waste water canal. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Do NOT use solvents or thinners. Send in suitable containers for recovery or disposal.

#### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

### 7. Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep container tightly closed and dry in a cool, well-ventilated place. Use only with adequate ventilation/personal protection. Ensure adequate ventilation. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values. Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Do not eat, drink or smoke when using this product. Use personal protective clothing. For personal protection see Section 8.

##### Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Vapours are heavier than air and may spread along floors. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Take measures to prevent the build up of electrostatic charge. Wear shoes with conductive soles. No sparking tools should be used. Fight fire with normal precautions from a reasonable distance.

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

##### Requirements for storage rooms and vessels

Provide solvent-resistant and impermeable floor. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

##### Hints on storage assembly

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

##### Storage classes

Storage class according to TRGS 510      10                      Flammable liquids

##### Further information on storage conditions

Keep away from heat. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

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

See exposure scenario, if available.

### 8. Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limit values

##### Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics

List	TRGS 900
Value	300      mg/m <sup>3</sup>

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

Status: 05/2020

**Hydrocarbons, C11-C12, isoalkanes, <2% aromatics**

List TRGS 900  
 Value 600 mg/m<sup>3</sup>  
 Maximum limit value: 2(II); Status: 05/2013

**Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**

List TRGS 900  
 Value 600 mg/m<sup>3</sup>  
 Maximum limit value: 2(II); Status: 01/2012

**Other information**

-

**8.2. Exposure controls****Exposure controls**

Users are advised to consider national Occupational Exposure Limits or other equivalent values. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

**Respiratory protection**

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol. Recommended Filter type: Respiratory protection mask with combination filter A/P2

**Hand protection**

Protective gloves complying with EN 374.

Glove material

Appropriate Material	butyl-rubber		
Material thickness	>=	0,7	mm
Breakthrough time	>=	30	min

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

**Eye protection**

Wear eye glasses with side protection according to EN 166.

**Body protection**

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid
<b>Colour</b>	colourless
<b>Odour</b>	weak

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

**Odour threshold**

Remarks not determined

**pH value**

Remarks not determined

**Melting point**

Remarks not determined

**Freezing point**

Remarks not determined

**Initial boiling point and boiling range**

Value 180 to 198 °C

**Flash point**

Value 61 °C

**Evaporation rate**

Remarks not determined

**Flammability (solid, gas)**

not determined

**Upper/lower flammability or explosive limits**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks not determined

**Density**

Value appr. 0,762 kg/l  
Temperature 20 °C

**Solubility in water**

Remarks not determined

**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**Ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**Viscosity**

Remarks not determined

**Efflux time**

Value 20 to 48 s  
Temperature 20 °C  
Method DIN EN ISO 2431 - 3 mm

**Explosive properties**

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

evaluation not determined

**Oxidising properties**

Remarks not determined

**9.2. Other information****Non-volatile content**

Value 0 %

Method calculated value

**Other information**

This information is not available.

**10. Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

To avoid thermal decomposition, do not overheat.

**10.4. Conditions to avoid**

Isolate from sources of heat, sparks and open flame.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**Carbon monoxide and carbon dioxide, nitrous oxides (NO<sub>x</sub>), dense black smoke, No decomposition if used as prescribed.**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**Method Calculation method (Regulation (EC) No. 1272/2008)  
Remarks Based on available data, the classification criteria are not met.**Acute dermal toxicity**Method Calculation method (Regulation (EC) No. 1272/2008)  
Remarks Based on available data, the classification criteria are not met.**Acute inhalational toxicity**Method Calculation method (Regulation (EC) No. 1272/2008)  
Remarks Based on available data, the classification criteria are not met.**Skin corrosion/irritation**Method Calculation method (Regulation (EC) No. 1272/2008)  
Remarks Based on available data, the classification criteria are not met.**Serious eye damage/irritation**Method Calculation method (Regulation (EC) No. 1272/2008)  
Remarks Based on available data, the classification criteria are not met.

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

**Sensitization**

Method Calculation method (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

**Mutagenicity**

Method Calculation method (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Method Calculation method (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Method Calculation method (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)****Single exposure**

Method Calculation method (Regulation (EC) No. 1272/2008)  
 Remarks Based on available data, the classification criteria are not met.

**Repeated exposure**

Remarks Based on available data, the classification criteria are not met.

**Aspiration hazard**

The classification criteria are met.  
 Harmful: may cause lung damage if swallowed.

**Other information**

No toxicological data are available.

**12. Ecological information****12.1. Toxicity****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**Fish toxicity (Components)****Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**

Species	Fish		
LC50/EC50/IC50/LL50/EL50	>	100	mg/l
0			
Duration of exposure	=	96	h

**Daphnia toxicity (Components)****Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics**

Species	Daphnia magna (Water flea)		
EC50	>	1000	mg/l
Duration of exposure		48	h

**12.2. Persistence and degradability****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**Biodegradability (Components)**



Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

**Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics**  
evaluation Not readily biodegradable.

**Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**  
evaluation Not readily biodegradable.

### 12.3. Bioaccumulative potential

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

#### Partition coefficient: n-octanol/water

Remarks not determined

### 12.4. Mobility in soil

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

#### Mobility in soil

no data available

### 12.5. Results of PBT and vPvB assessment

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

### 12.6. Other adverse effects

#### General information

For this subsection there is no ecotoxicological data available on the product as such.

#### General information / ecology

For this subsection there is no ecotoxicological data available on the product as such.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 140603 - other solvents and solvent mixtures

EWC waste code 200113 - solvents

Where possible recycling is preferred to disposal or incineration.

Do not allow to enter drains or waterways.

#### modified product

EWC waste code 070304 - other organic solvents, washing liquids and mother liquors

#### Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances

Germany: KBS system for sheet covering

Completely emptied packagings can be given for recycling.

## 14. Transport information

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
<b>14.1. UN number</b>	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of sea and air transport regulations.	Not a dangerous substance as defined in the above regulations.

## 15. Regulatory information

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

#### Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

#### VOC

VOC (EU) 100 % 762 g/l

### 15.2. Chemical safety assessment

For this substance / mixture a chemical safety assessment was not carried out.

## 16. Other information

### Hazard statements listed in Chapter 3

EUH066 Repeated exposure may cause skin dryness or cracking.  
 H226 Flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H413 May cause long lasting harmful effects to aquatic life.

### CLP categories listed in Chapter 3

Aquatic Chronic 4 Hazardous to the aquatic environment, chronic, Category 4  
 Asp. Tox. 1 Aspiration hazard, Category 1  
 Flam. Liq. 3 Flammable liquid, Category 3

### Abbreviations

ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IMDG - International Maritime Code for Dangerous Goods  
 IATA - International Air Transport Association  
 IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
 GHS - Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS - European Inventory of Existing Commercial Chemical Substances  
 CAS - Chemical Abstracts Service (division of the American Chemical Society)  
 GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)  
 LOAEL - Lowest Observed Adverse Effect Level  
 LOEL - Lowest Observed Effect Level  
 NOAEL - No Observed Adverse Effect Level  
 NOEC - No Observed Effect Concentration  
 NOEL - No Observed Effect Level

Trade name: glimtrex Special Thinner 1010072

Version: 23 / DE

Revision: 31.07.2020

Replaces Version: 22 / DE

Print date: 15.01.21

OECD - Organisation for Economic Cooperation and Development

VOC - Volatile Organic Compounds

Changes since the last version are highlighted in the margin (\*\*). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.