

Trade name: glimtrex base color E blue 111006

Version: 12 / DE

Date created/revised: 18.11.2015

Replaces Version: 11 / DE

Print date: 18.02.16

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

1.1. Product identifier

glimtrex base color E blue 111006

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

Producer

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 19240

2. Hazards identification

2.1. Classification of the substance or mixture

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

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains Phthalic anhydride, May produce an allergic reaction.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

Supplemental information

EUH210 Safety data sheet available on request.

Further supplemental information

Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

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 (Regulation (EC) No. 1272/2008)

alkanes, C11-14-iso-

CAS No. 90622-58-5

Concentration >= 1 < 10 %

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

Asp. Tox. 1	H304
Aquatic Chronic 4	H413
	EUH066

Phthalic anhydride

CAS No. 85-44-9

EINECS no. 201-607-5

Registration no. 01-2119457017-41

Concentration >= 0,1 < 1 %

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

Acute Tox. 4	H302	Route of exposure: Oral exposure
STOT SE 3	H335	
Skin Irrit. 2	H315	
Eye Dam. 1	H318	
Resp. Sens. 1	H334	
Skin Sens. 1	H317	

Further hazardous ingredients

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**

When symptoms persist or in all cases of doubt seek medical advice. If unconscious place in recovery position and seek medical advice. First aider needs to protect himself. Move out of dangerous area.

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Keep patient warm and at rest. Consult a physician for severe cases.

After skin contact

Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

After eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

After ingestion

Do NOT induce vomiting. Consult a physician.

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. The liquid splashed in the eyes may cause irritation and reversible damage.

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

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Hints for the physician / treatment

Treat symptomatically.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Vapours may form explosive mixtures with air.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Wear self contained breathing apparatus for fire fighting if necessary.

Other information

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

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ensure adequate ventilation. Avoid breathing vapours, mist or gas.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Contact the proper local authorities.

6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated floors and objects thoroughly while observing environmental regulations. Clean with detergents. Avoid solvents. Keep in suitable, closed containers for 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 containers tightly closed in a dry, cool and well-ventilated place. Use only with adequate ventilation/personal protection. Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. When workers are facing concentrations above the exposure limit they

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must use appropriate certified respirators. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. When using, do not eat, drink or smoke. Use personal protective equipment. For personal protection see section 8.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along floors. 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. Standard procedure for chemical fires. Do not process in the same cabin together with highly flammable material (e.g. CN lacquer) => fire hazard through self ignition! Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in an area equipped with solvent resistant flooring. Store at room temperature in the original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Keep away from oxidising agents and strongly acid or alkaline materials.

Storage class according to the Occupation Safety Ordinance:

Exempt

Further information on storage conditions

Keep away from heat. Protect from sunlight. Protect from frost - <10%, for a solvent content (see section 15 VOC). 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

naphtha hydrodesulfurized heavy

List	TRGS 900
Value	600 mg/m ³
Status:	11/2015

alkanes, C11-14-iso-

List	TRGS 900
Value	600 mg/m ³
Maximum limit value:	2(II); Status: 11/2015

Derived No/Minimal Effect Levels (DNEL/DMEL)

naphtha hydrodesulfurized heavy

Type of value	DNEL	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	300	mg/kg/d

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Type of value	DNEL	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	systemic effect	
Concentration	1500	mg/m ³
Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	systemic effect	
Concentration	300	mg/kg/d
Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	systemic effect	
Concentration	900	mg/m ³
Type of value	DNEL	
Reference group	Consumers	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	systemic effect	
Concentration	300	mg/kg/d

8.2. Exposure controls

Exposure controls

Apply technical measures to comply with the workplace exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the WEL, suitable respiratory protection must be worn.

Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Recommended Filter type: Combination filter: A2-P2 (EN 141, 143, 371)

Skin protection

Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.

The exact break through time can be obtained from the protective glove producer and this has to be observed.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye/face protection

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Safety glasses with side-shields conforming to EN166

Individual protection measures

Wear suitable protective clothing. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

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

Form	paste		
Colour	blue		
Odour	characteristic		
Odour threshold			
Remarks	no data available		
pH value			
Remarks	no data available		
Melting point			
Remarks	no data available		
Freezing point			
Remarks	no data available		
Initial boiling point and boiling range			
Value	180	to	217 °C
Flash point			
Value	>	60	°C
Evaporation rate			
Remarks	no data available		
Flammability (solid, gas)			
Remarks	no data available		
Upper/lower flammability or explosive limits			
Remarks	no data available		
Vapour density			
Remarks	no data available		
Density			
Value	1,4		g/cm ³
Temperature	20	°C	
Solubility in water			
Remarks	no data available		
Solubility(ies)			
Remarks	no data available		
Partition coefficient: n-octanol/water			
Remarks	no data available		
Ignition temperature			
Remarks	no data available		
Decomposition temperature			
Remarks	no data available		

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Viscosity

Remarks no data available

Efflux time

Remarks no data available

Explosive properties

evaluation no data available

Oxidising properties

Remarks no data available

9.2. Other information**Other information**

This information is not available.

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

No conditions to be specially mentioned.

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

Heat, flames and sparks.

Decomposition temperature

Remarks no data available

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 productsCarbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke. No decomposition if stored and applied as directed.**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

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

Acute oral toxicity (Components)**naphtha hydrodesulfurized heavy**

Species	rat		
LD50	>	5000	mg/kg

alkanes, C11-14-iso-

Species	rat		
LD50	>	5000	mg/kg

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Method OECD 401

Acute dermal toxicity

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

Acute dermal toxicity (Components)**naphtha hydrodesulfurized heavy**

Species	rat		
LD50		3160	mg/kg

alkanes, C11-14-iso-

Species	rabbit		
LD50	>	5000	mg/kg

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)**naphtha hydrodesulfurized heavy**

Species	rat		
LC50	appr.	100	mg/l
Duration of exposure		4	h
Remarks	Mist		

alkanes, C11-14-iso-

Species	rat		
LC50	>	5,6	mg/l
Duration of exposure	=	4	h
Remarks	Mist		

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

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

Aspiration hazard

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

Other information

No data is available on the product itself.

12. Ecological information**12.1. Toxicity**

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General information

No data is available on the product itself.

Fish toxicity (Components)**naphtha hydrodesulfurized heavy**

Species	Pimephales promelas (fathead minnow)		
LC50	2200		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)**naphtha hydrodesulfurized heavy**

Species	Chaetogammarus marinus		
EC50	2,6		mg/l
Duration of exposure	96	h	

alkanes, C11-14-iso-

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

12.2. Persistence and degradability**General information**

No data is available on the product itself.

Biodegradability (Components)**alkanes, C11-14-iso-**

evaluation	Not readily biodegradable.		
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12.3. Bioaccumulative potential**General information**

No data is available on the product itself.

Partition coefficient: n-octanol/water

Remarks	no data available		
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12.4. Mobility in soil**General information**

No data is available on the product itself.

Mobility in soil

no data available

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

Not applicable

12.6. Other adverse effects**General information**

No data is available on the product itself.

General information / ecology

No data is available on the product itself.

13. Disposal considerations

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13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code	080111 - waste paint and varnish containing organic solvents or other dangerous substances
EWC waste code	200127 - paint, inks, adhesives and resins containing dangerous substances

Where possible recycling is preferred to disposal or incineration.
Try to prevent the material from entering drains or water courses.

modified product

EWC waste code	080113 - sludges from paint or varnish containing organic solvents or other dangerous substances
EWC waste code	080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

Dried residues

EWC waste code	080112 - waste lacquers and waste paint except those falling under 080111
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Disposal recommendations for packaging

EWC waste code	150110 - packaging containing residues of or contaminated by dangerous substances
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Empty remaining contents.

Empty containers should be taken to local recyclers for disposal.

Germany: KBS system for sheet covering

14. Transport information

Land transport ADR/RID

Not classified as dangerous in the meaning of transport regulations.

Marine transport IMDG/GGVSee

Not classified as dangerous in the meaning of sea and air transport regulations.

Air transport ICAO/IATA

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
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VOC

VOC (EU)	9,5	%	130	g/l
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Non-volatile content

Value [%]	90,5
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15.2. Chemical safety assessment

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

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16. Other information

Hazard statements listed in Chapter 3

EUH066	Repeated exposure may cause skin dryness or cracking.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H413	May cause long lasting harmful effects to aquatic life.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 3	Specific target organ toxicity - single exposure, 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
 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

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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.