

Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

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

1.1. Product identifier

glimtrex base color I grey 111010

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

Identified Uses

REACHSET 2003

SU22 Professional uses: Public domain (administration, education, entertainment,

services, craftsmen)

ERC8a Wide dispersive indoor use of processing aids in open systems

ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix

PROC10 Roller application or brushing

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

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).



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

3. Composition/information on ingredients

Hazardous ingredients (Regulation (EC) No. 1272/2008)

alkanes, C11-14-iso-

CAS No. 90622-58-5

Concentration >= 1 < 10 %

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

Asp. Tox. 1 H304 Aquatic Chronic 4 H413 EUH066

cyclohexanone oxime

CAS No. 100-64-1 EINECS no. 202-874-0

Registration no. 01-2119982972-21

Concentration >= 1 < 10 %

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

Acute Tox. 4 H302 Route of exposure: Oral exposure

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

If symptoms persist, call a physician. Get medical advice/ attention if you feel unwell. 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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

reversible damage.

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

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

Do not inhale aerosol.

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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

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 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

Protect from frost, heat and 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

naphtha hydrodesulfurized heavy

List TRGS 900

Value 600 mg/m³

Status: 11/2015

alkanes, C11-14-iso-

List TRGS 900

Value 600 mg/m³

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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

Mode of action systemic effect

Concentration 300 mg/kg/d

Type of value DNEL

Reference group Workers (professional)

Duration of exposure

Route of exposure

Mode of action

Concentration

Long-term
inhalative
systemic effect

Concentration 1500 mg/m³

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/m³

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

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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

Eye/face protection

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 brown
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 ℃

Flash point

Value > 60 °C

Evaporation rate

Remarks no data available

Flammability (solid, gas)

no data available

Upper/lower flammability or explosive limits

Remarks no data available

Vapour density

Remarks no data available

Density

Value 1,7 g/cm³

Temperature 20 ℃

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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

Decomposition temperature

Remarks no data available

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 products

Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke. No decomposition if stored and applied as directed.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE > 10.000 mg/kg Method calculated value (Regulation (EC) No. 1272/2008)

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

Acute oral toxicity (Components)

cyclohexanone oxime

Species rat



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

LD50 883 mg/kg

naphtha hydrodesulfurized heavy

Species rat

LD50 > 5000 mg/kg

alkanes, C11-14-iso-

Species rat

LD50 > 5000 mg/kg

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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

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

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.

12.3. Bioaccumulative potential

General information

No data is available on the product itself.

Partition coefficient: n-octanol/water

Remarks no data available

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



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

General information / ecology

No data is available on the product itself.

13. Disposal considerations

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

Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated

by dangerous substances

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 WGK 1

(Germany)

VOC

VOC (EU) 11 % 186 g/l

Non-volatile content



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

Value [%] 89

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.

H302 Harmful if swallowed.

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

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

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 theInternational 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 Econpmic 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.

Annex to the extended Safety Data Sheet (eSDS)



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/ DE Print date: 18.02.16

Short title of the exposure scenario

ES026 - Professional uses: roller application or brushing, dipping and pouring and other processing without aerosol formation (inside)

Use of the substance/preparation

Surface treatment of wood and other materials

Use

SU22 Professional uses: Public domain (administration, education, entertainment,

services, craftsmen)

ERC8a Wide dispersive indoor use of processing aids in open systems
ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix

PROCh01 Other processing without aerosol formation

PROC10 Roller application or brushing

PROC13 Treatment of articles by dipping and pouring

Contributing exposure scenario controlling environmental exposure

Use

ERC8a Wide dispersive indoor use of processing aids in open systems
ERC8c Wide dispersive indoor use resulting in inclusion into or onto a matrix

Physical form paste

Hazardous ingredients

alkanes, C11-14-iso-

CAS No. 90622-58-5

Concentration >= 1 < 10 %

cyclohexanone oxime

CAS No. 100-64-1 EINECS no. 202-874-0

Registration no. 01-2119982972-21

Concentration >= 1 < 10 %

Maximum amount used per time or activity

Emission days per site: <= 250

Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures.

Volatile organic substances will volatilise into the atmospheric air inside.

Where possible recycling is preferred to disposal or incineration.

The product should not be allowed to enter drains, water courses or the soil.

Dispose of rinse water in accordance with local and national regulations.

Waste water

Do not flush into surface water or sanitary sewer system.

Exhaust air

Keep container closed. Discharge into the environment must be avoided.

Soil

Use only in an area equipped with an impervious floor.

Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

solvents or other dangerous substances

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

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

Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated

by dangerous substances

Empty remaining contents.

Empty containers should be taken to local recyclers for disposal.

Germany: KBS system for sheet covering

Contributing exposure scenario controlling worker exposure (professional)

Use

SU22 Professional uses: Public domain (administration, education, entertainment,

services, craftsmen)

PROC10 Roller application or brushing

PROC13 Treatment of articles by dipping and pouring PROCh01 Other processing without aerosol formation

Physical form paste

Hazardous ingredients

alkanes, C11-14-iso-

CAS No. 90622-58-5

Concentration >= 1 < 10 %

cyclohexanone oxime

CAS No. 100-64-1 EINECS no. 202-874-0

Registration no. 01-2119982972-21

Concentration >= 1 < 10 %

Maximum amount used per time or activity

Duration of exposure <= 8 h/d Frequency of exposure <= 220 d/a

Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures.

Volatile organic substances will volatilise into the atmospheric air inside.

Read attached instructions before use.

Product substance and product safety related measures

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable



Trade name: glimtrex base color I grey 111010

Version: 1 / DE Date created/revised: 16.02.2016

Replaces Version: -/DE Print date: 18.02.16

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 OEL, 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

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.

Information on estimated exposure and downstream-user guidance

Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.