

Trade name: glimtrex Intensive-Care white 108013

Version: 1 / GB

Date created/revised: 10.06.2015

Replaces Version: - / GB

Print date: 10.08.15

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

1.1. Product identifier

glimtrex Intensive-Care white 108013

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)

Voluntary product information following the Safety Data Sheet format

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

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The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

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

Further hazardous ingredients

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

Move out of dangerous area. When symptoms persist or in all cases of doubt seek medical advice. Get medical advice/ attention if you feel unwell. First aider needs to protect himself.

After inhalation

In the case of inhalation of aerosol/mist consult a physician if necessary.

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. 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.

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. Standard procedure for chemical fires. Cool closed containers exposed to fire with water spray.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

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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

Keep containers tightly closed in a dry, cool and well-ventilated place. 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

Standard procedure for chemical fires.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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.

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.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

(2-methoxymethylethoxy)propanol

List	Directive 2000/39 EG			
Value	308	mg/m ³	50	ppm(V)

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Status: 12/2009

(2-methoxymethylethoxy)propanol

List EH40

Value 308 mg/m³ 50 ppm(V)

Skin resorption / sensibilisation: sk; Status: 03/2013

Derived No/Minimal Effect Levels (DNEL/DMEL)

(2-methoxymethylethoxy)propanol

Type of value DNEL

Reference group Workers (professional)

Duration of exposure Long-term

Route of exposure Dermal exposure

Mode of action systemic effect

Concentration 65 mg/kg/d

Type of value DNEL

Reference group Workers (professional)

Duration of exposure Long-term

Route of exposure inhalative

Mode of action systemic effect

Concentration 310 mg/m³

Type of value DNEL

Reference group Consumers

Duration of exposure Long-term

Route of exposure Dermal exposure

Mode of action systemic effect

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Concentration 15 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 37,2 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 1,67 mg/kg/d

Predicted No Effect Concentration (PNEC)

(2-methoxymethylethoxy)propanol

Type of value PNEC

Type freshwater

Concentration 19 mg/l

Type of value PNEC

Type Marine water

Concentration 1,9 mg/l

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Type of value	PNEC	
Conditions	sporadic release	
Concentration	190	mg/l
Type of value	PNEC	
Type	sewage treatment plants (STP)	
Concentration	4168	mg/l
Type of value	PNEC	
Type	Fresh water sediment	
Concentration	70,2	mg/kg
Type of value	PNEC	
Type	saltwater sediment	
Concentration	7,02	mg/kg
Type of value	PNEC	
Type	ground	
Concentration	2,74	mg/kg

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)

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Hand 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 protection

Safety glasses with side-shields conforming to EN166

Body protection

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	liquid
Colour	off-white
Odour	pleasant
Odour threshold	
Remarks	no data available
pH value	
Remarks	no data available
Melting point	
Remarks	no data available
Freezing point	
Remarks	no data available

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Initial boiling point and boiling range

Value 100 to 195 °C

Flash point

Value > 60 °C

Flammability (solid, gas)

no data available

Upper/lower flammability or explosive limits

Remarks no data available

Vapour density

Remarks no data available

DensityValue 1 g/cm³

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

Viscosity

Remarks no data available

Efflux time

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Value	31	to	39	s
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Temperature	20	°C
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Method	DIN EN ISO 2431 - 4 mm
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Explosive properties

evaluation	no data available
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Oxidising properties

Remarks	no data available
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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
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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

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Carbon 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 (Components)

(2-methoxymethylethoxy)propanol

Species	rat		
LD50	5135		mg/kg

Acute dermal toxicity (Components)

(2-methoxymethylethoxy)propanol

Species	rat		
LD50	9500		mg/kg

Acute inhalative toxicity (Components)

(2-methoxymethylethoxy)propanol

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

Sensitization (Components)

(2-methoxymethylethoxy)propanol

evaluation No sensitizing effects known.

Other information

No data is available on the product itself.

12. Ecological information

12.1. Toxicity

General information

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No data is available on the product itself.

Fish toxicity (Components)

(2-methoxymethylethoxy)propanol

Species	Pimephales promelas (fathead minnow)		
LC50	>	10000	mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)

(2-methoxymethylethoxy)propanol

Species	Daphnia magna (Water flea)		
LC50		1919	mg/l
Duration of exposure	48	h	

Algae toxicity (Components)

(2-methoxymethylethoxy)propanol

Species	Selenastrum capricornutum		
EC50		969	mg/l
Duration of exposure	96	h	
Source	Stockmeier		

Bacteria toxicity (Components)

(2-methoxymethylethoxy)propanol

Species	activated sludge		
EC20	>	1000	mg/l

12.2. Persistence and degradability

General information

No data is available on the product itself.

12.3. Bioaccumulative potential

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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

General information

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 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

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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.

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.

14.5. Environmental hazards

no

Air transport ICAO/IATA

Not a dangerous substance as defined in the above regulations.

15. Regulatory information

Ingredients (Regulation (EC) No 648/2004)

VOC

VOC (EU)	3,22	%	32,8	g/l
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Non-volatile content

Value [%]	13,7
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16. Other information

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)

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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 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.