

Trade name: glimtrex R12-Powder 101074

Version: 6 / DE

Date created/revised: 18.02.2016

Replaces Version: 5 / DE

Print date: 19.07.16

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

1.1. Product identifier

glimtrex R12-Powder 101074

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

2.3. 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

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

Get medical advice/ attention if you feel unwell.

After inhalation

Move to fresh air. Consult a physician for severe cases.

After skin contact

Wash with water and soap as a precaution. 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

If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Consult

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a physician.

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

No special precautions required.

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

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

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

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

Use mechanical handling equipment. Clean contaminated floors and objects thoroughly while observing environmental regulations. 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

Avoid dust formation. Do not breathe dust. Use personal protective equipment. For personal protection see section 8.

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Advice on protection against fire and explosion

Dust can form an explosive mixture in air. 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. Keep container closed.

Hints on storage assembly

No materials to be especially mentioned.

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

Other information

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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

Recommended Filter type: Half mask with a particle filter P2 (EN 143).

Skin protection

Protective gloves complying with EN 374.

Glove material

Multilayer gloves made from

Appropriate Material Fluorinated rubber / butyl-rubber

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

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.

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.

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form powder

Colour white

Odour odourless

Odour threshold

Remarks no data available

Specific surface

Remarks no data available

Particle size

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

Remarks Not applicable

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 1,14 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

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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 materials to be especially mentioned.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Heat, flames and sparks.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

Decomposition temperature

Remarks no data available

10.5. Incompatible materials

No special restrictions on storage with other products.

10.6. Hazardous decomposition products

No materials to be especially mentioned.

11. Toxicological information

11.1. Information on toxicological effects

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.

12.2. Persistence and degradability

General information

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No data is available on the product itself.

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

General information

No data is available on the product itself.

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 080199 - wastes not otherwise specified
Where possible recycling is preferred to disposal or incineration.
Try to prevent the material from entering drains or water courses.

Disposal recommendations for packaging

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

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or mixture

Water Hazard Class (Germany)

Water Hazard Class (Germany)	Not water hazardous
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VOC

VOC (EU)	0	%	0	g/l
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Non-volatile content

Value [%]	100
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15.2. Chemical safety assessment

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

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)
 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.