

SAFETY DATA SHEET

LANXESS
Energizing Chemistry

LANXESS GLASS FIBER CS 7974 4,5MM

56436425

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : LANXESS GLASS FIBER CS 7974 4,5MM

REACH Substance Name : LANXESS GLASS FIBER CS 7974 4,5MM

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

Suitable uses : Reinforcement of plastics

1.3 Details of the supplier of the safety data sheet

Supplier : LANXESS Deutschland GmbH, Industrial & Environmental Affairs
51369 Leverkusen, Germany, Telephone: +49 214 30 65109
E-mail: infosds@lanxess.com

1.4 Emergency telephone number : +49 214 30 99300 (Sicherheitszentrale CHEMPARK Leverkusen)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification : Not classified.

Classification according to Directive 67/548/EEC [DSD]

Classification : Not classified.

2.2 Label elements

Hazard pictograms : Not applicable.

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Additional warning phrases : Not applicable.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

2.3 Other hazards

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

Product definition (REACH) : Article
 glassfibers

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
LANXESS GLASS FIBER CS 7974 4, 5MM	CAS: 65997-17-3		Not classified. See Section 16 for the full text of the R-phrases declared above.	Not classified. See Section 16 for the full text of the H statements declared above.	[A]

Occupational exposure limits, if available, are listed in Section 8.

Type

- [A] Constituent
- [B] Impurity
- [C] Stabilising additive

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation** : No special measures required.
- Ingestion** : No special measures required.
- Skin contact** : No special measures required.
- Eye contact** : No special measures required.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

See Section 11 for more detailed information on health effects and symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- Unsuitable extinguishing media** : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : No specific fire or explosion hazard.
- Hazardous combustion products** : No specific data.

5.3 Advice for firefighters

- Special precautions for fire-fighters** : Not applicable.
- Special protective equipment for fire-fighters** : Not applicable.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures** : Not applicable.
- 6.2 Environmental precautions** : No special measures required.
- 6.3 Methods and materials for containment and cleaning up**
- Small spill** : Take up mechanically.
- Large spill** : Take up mechanically.
- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling** : Avoid the formation of dust, if necessary siphoning the product off locally.
- 7.2 Conditions for safe storage, including any incompatibilities** : Store in a dry place.
- 7.3 Specific end use(s)**
- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**
- Exposure limit values** : Not available.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General

requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

8.2 Exposure controls

Risk management measures

Occupational exposure controls

Technical measures : Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protection measures

Respiratory protection : In case of dust formation use respiratory equipment with filter type particle filter P1 according to DIN EN 143.

Hand protection : Protective gloves of leather, contaminated or damaged gloves should be replaced.

Eye protection : Protective goggles with side shield or tightly fitting protective goggles

Skin protection : Skin covering working clothes; wear dust-proof overalls if large quantities of dust are generated.

Environmental exposure controls

Technical measures : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance

Physical state : Solid.

Colour : Colourless.

Odour : Odourless.

Important health, safety and environmental information

Melting point : 850°C (1562°F)

Density : 2,55 kg/L (20°C)

Bulk density : 400 kg/m³

Solubility : Insoluble in the following materials: cold water

Decomposition temperature : Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : In the case of dusty organic products the possibility of a dust explosion should always be considered. No hazardous reactions when used as directed.
- 10.5 Incompatible materials** : No specific data.
- 10.6 Hazardous decomposition products** : Not available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Under the recommended processing conditions small amounts of emitted substance (e.g. residual monomers, residual solvents, decomposition products) may be discharged. According to our experience and information the product has no harmful effects on health if properly handled.

- Remarks** : LANXESS glass fibres contain no fibres of less than 3 µm in diameter, which, according to the MAK list, Anhang III B, of the Federal Republic of Germany, are suspected of having a carcinogenic potential. Loose glass fibres from damaged packages may cause temporary skin irritation in sensitive persons. Our experience shows that Lanxess glass fibres can be handled without risk to health if used properly and if the usual precautions of industrial hygiene are observed.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not available.

vPvB : Not available.

12.6 Other adverse effects

Other adverse effects : Not available.

AOX : Not available.

Not available.

**12.4 Mobility in soil
Remarks**

: The product is practically insoluble in water. In view of its consistency and insolubility in water, no ecological problems are to be expected if the product is properly handled. This product is not readily biodegradable.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : Not applicable.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	-	-	-	-
14.2 UN proper shipping name	-	-	☑	☑
14.3 Transport hazard class(es)/ Marks	- -	- -	- -	- -
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No	No
14.6 Special precautions for user/Additional information	Not regulated.	Not regulated.	Not regulated.	Not regulated.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Hazard notes:

Not dangerous cargo.
Keep dry.
Keep separated from foodstuffs.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - : Not applicable.

**Restrictions on the
manufacture, placing on
the market and use of
certain dangerous
substances, mixtures
and articles**

Other EU regulations

Seveso II Directive

This product is not controlled under the Seveso II Directive.

15.2 Chemical Safety Assessment : Not applicable.

SECTION 16: Other information

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

History

Date of issue : 2014-08-01

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Version : 1.02

☑ Indicates information that has changed from previously issued version.

Notice to reader

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet and its Annex [if required according to Regulation (EC) 1907/2006 (REACH)] is to describe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.