

Safety Information Sheet

Version 2.0
Date of Issue 17th June 2019
Date of First Issue 17th June 2019
SDS Code: Lapinus062019



GB 13690-2009 requires SDS only for hazardous substances and mixtures / preparations. Mineral Fibres has been defined as non-hazardous. The Safety Information Sheet has been made up to the rules in GB/T 16483-2008 to be as informative as possible.

SECTION 1: Chemical product and company identification

Product identifier

Product Name Mineral Fibres according Note Q

Recommended use and restrictions

Identified uses Additive in composites
Uses Advised Against No Uses advised against

Details of the supplier of the safety data sheet

Name of Supplier	Lapinus	Lapinus
Address of Supplier	ROCKWOOL B.V Delfstoffenweg 2 6045 JG Roermond Netherlands	ROCKWOOL B.V P.O. Box 1160 6040 KD Roermond Netherlands
Telephone	+31 475 353 555	
E-mail	ra@lapinus.com	

Emergency telephone number

Emergency Phone No. +31 475 353 555 Monday to Friday, 09:00 – 17:00 (GMT +1)

SECTION 2: Hazard overview

Emergency overview

Solid Grey / Green Fibres, Not flammable. Not classified as hazardous for supply. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.

Classification of the substance or mixture

In accordance with: GB 13690-2009 and GB 30000-2013 Not classified as dangerous for supply/use.

Label elements

Product Name Mineral according to Note Q

Hazard Pictogram(s) None assigned.

Signal Word(s) None assigned.

Hazard Statement(s) None assigned.

Precautionary Statement(s) None assigned.

Prevention None assigned.

Response None assigned.

Storage None assigned.

Disposal None assigned.

Other hazards

Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

Main Symptoms

None anticipated

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances Not applicable

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Mixtures Substances in preparations / mixtures

GHS Classification GB 30000-2013

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Man-made vitreous (silicate) fibres (MMVF) with random orientation with alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content greater than 18 % by weight]	98-100	65997-17-3*	926-099-9	01-2119472313-44	Not classified - According to Note Q

*Generic CAS No. 65997-17-3, Specific CAS No. 287922-11-6 and 1010446-98-6. See Section 16 for details.

^ See Section: 11

This product does not contain crystalline silica

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Self-protection of the first aider

Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes or clothing.

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

IF ON SKIN (or hair): Wash with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention.

Ingestion

IF SWALLOWED: Do not induce vomiting wash out mouth with water. If symptoms occur obtain medical attention.

Most important symptoms and effects, both acute and delayed

Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing media

Non-combustible. Does not support combustion. Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions. Foam, water spray or fog.

Unsuitable extinguishing media

Do not use water jet. Direct water jet may spread the fire.

Special hazards arising from the substance or mixture

None known.

Special protective equipment and precautions for fire fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing. Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Take off contaminated clothing and wash it before reuse. In case of inadequate ventilation wear respiratory protection.

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Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

Stop leak if safe to do so. Use vacuum equipment for collecting spilt materials, where practicable. Damp down to avoid dust generation. Transfer to a lidded container for disposal or recovery. Avoid dust generation. Respiratory protection is not necessary if room is well ventilated.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Ensure operatives are trained to minimise exposures. Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Ensure suitable personal protection during removal of spillages. Good hygiene practices and housekeeping measures. Keep good industrial hygiene. Do not eat, drink or smoke at the work place.

Conditions for safe storage, including any incompatibilities

Keep only in the original container/package in a cool well-ventilated place. Keep away from food, drinks and animal food. Keep container tightly closed.

Storage temperature
 Storage life
 Incompatible materials

Store at room temperature.
 Stable at ambient temperatures.
 Avoid contact with moisture. Keep away from: Humidity

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE	CAS No.	OELs mg/m ³			Note
		MAC	PC-TWA	PC-STEL	
Man-made vitreous fiber (人造玻璃质纤维)	-	-	3	-	-

Source: GBZ 2.1-2007

Biological Exposure Indices

Not established.

Appropriate engineering controls

Ensure adequate ventilation. Good hygiene practices and housekeeping measures. Keep container tightly closed and dry. Store in a cool/low-temperature, well-ventilated (dry) place.

Individual protection measures, such as personal protective equipment (PPE)

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Ensure adequate ventilation. Keep good industrial hygiene. Contaminated clothing should be thoroughly cleaned. Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/ face protection



Eye Protection: Not normally required.
 Recommended: Wear eye protection with side protection (EN166).

Skin protection



Hand protection:
 Wear impervious gloves (EN374). Gloves should be changed if excessive exposure has occurred.

Body protection:
 Wear suitable coveralls to prevent exposure to the skin. Wear work clothes with long sleeves.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. A suitable dust mask or dust respirator with filter type A/P may be appropriate.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid Grey / Green Fibres
Odour	Not established
pH (Concentration)	7 - 8
Melting Point/Freezing Point	> 1000 °C
Initial boiling point and boiling range (°C)	Not established
Flash Point (°C)	Not applicable
Upper/lower flammability or explosive limits	Not established
Vapour Pressure (mm Hg)	Not established
Vapour Density (Air=1)	Not established
Relative density	2.7 – 2.8 g/cm ³
Solubility(ies)	Insoluble in water.
Partition Coefficient (n-Octanol/water)	Not established
Auto Ignition Point (°C)	Not established
Decomposition Temperature (°C)	Not established

Additional properties

Viscosity (mPa. s)	Not applicable
Evaporation Rate	Not established
Explosive properties	Not explosive
Oxidising properties	Not oxidising

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Stable under normal conditions. Hazardous polymerisation will not occur.
Conditions to avoid	Keep away from acids and alkalis. Keep away from: Humidity
Incompatible materials	None known.
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) >5,000 mg/kg.
Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) > 5 mg/l (Dust.)
Acute toxicity - Skin Contact	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) >5,000 mg/kg.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met. IARC Classification: Group 3. Not classifiable as to its carcinogenicity to humans.

EU regulations: Note Q

Data shows that the classification as a carcinogen need not apply if it can be shown that the substance fulfils one of the following conditions:

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— a short term biopersistence test by inhalation has shown that the fibres longer than 20 µm have a weighted half-life less than 10 days; or
— a short term biopersistence test by intratracheal instillation has shown that the fibres longer than 20 µm have a weighted half-life less than 40 days; or
— an appropriate intra-peritoneal test has shown no evidence of excess carcinogenicity; or
— absence of relevant pathogenicity or neoplastic changes in a suitable long term inhalation test.

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

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

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Based on available data, the classification criteria are not met.
Estimated LC50 (Mixture): >100 mg/l.

Glass, oxide, chemicals

Not classified

Persistence and degradability

LC50 (fish) mg/l: >1000 (OECD Guideline 201)

Glass, oxide, chemicals

No data for the mixture as a whole.

Bioaccumulative potential

Not biodegradable

Glass, oxide, chemicals

No data for the mixture as a whole.

Mobility in soil

No data

Glass, oxide, chemicals

No data for the mixture as a whole.

Other adverse effects

Inorganic and Insoluble in water.

The substance is predicted to have low mobility in soil.

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste according to applicable legislation. Do not discharge into drains or the environment, dispose to an authorised waste collection point. Dispose of waste cans and containers according to local regulations.

Packaging waste

Dispose of waste cans and containers according to local regulations.

SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
UN number	Not classified	Not classified	Not classified
UN proper shipping name	Not classified	Not classified	Not classified
Transport hazard class(es)	Not classified	Not classified	Not classified
Packing group	Not classified	Not classified	Not classified
Environmental hazards	Not classified	Not classified	Not classified
Special precautions for user	See Section: 2		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable		

SECTION 15: REGULATORY INFORMATION

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

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National regulations

Catalogue of Hazardous Chemicals
Catalogue of Toxic Chemicals Restricted to be Imported/Exported
Catalogue of Prohibited Chemicals
List of Priority Chemicals for Prevention and Control
Inventory of Existing Chemical Substances in China (IECSC)

All chemicals are not listed
All chemicals are not listed
All chemicals are not listed
All chemicals are not listed
All chemicals are not listed
Glass, oxide, chemicals - Listed 2013
Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol - Listed 2013
Isotridecanol, ethoxylated- Listed 2013
1,2- benzisothiazol-3(2H)-one- Listed 2013

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

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References:

Existing Safety Data Sheet (SDS), 危险化学品目录 (2015 版) EU: Existing ECHA registration for silicon(4+) dialuminium(3+) calcium magnesium(2+) heptaoxidandiide (EC No. 926-099-9)

Classification of the substance or mixture according to GHS
Classification GB 30000-2013

Classification Procedure
Self classification

Not classified

LEGEND

ADR/RID ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road / RID: Regulations concerning the international railway transport of dangerous goods
BCF Bioconcentration factor (BCF)
CAS CAS: Chemical Abstracts Service
DNEL Derived No Effect Level
EC EC: European Community
EU European Union
IATA IATA: International Air Transport Association
ICAO/IATA ICAO: International Civil Aviation Organization / IATA: International Air Transport Association
IMDG IMDG: International Maritime Dangerous Goods
LTEL Long Term Exposure Limit
NOEC No Observed Effect Concentration
OECD Organisation for Economic Cooperation and Development
PBT PBT: Persistent, Bioaccumulative and Toxic
PNEC Predicted No Effect Concentration
STEL Short Term Exposure Limit
UN United Nations
vPvB vPvT: very Persistent and very Toxic
ADR/RID ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road / RID: Regulations concerning the international railway transport of dangerous goods
BCF Bioconcentration factor (BCF)
CAS CAS: Chemical Abstracts Service
DNEL Derived No Effect Level
EC EC: European Community
EU European Union

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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