

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form	: Mixture
Trade name	: EUROGRIT, EUROFINESSE
EC no	: 270-708-4
CAS No.	: 68476-96-0
REACH registration No.	: 01-2119491179-27XXXX
Synonyms	: Slag, coal slag, slag granules
Product group	: Trade product
Other means of identification	: Aluminium silicate

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category	: Professional use
Use of the substance/preparation	: Use as an abrasive, roofing, decorative concrete in grain products, raw materials for concrete producers and stone baked products, non-slip grit.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Sibelco Europe (Eurogrit BV)
Noordhoek 7
3351 LD Papendrecht - Nederland
T +31 (0) 78 654 67 70 - F +31 (0) 78 644 94 94
info.eurogrit@sibelco.com

1.4. Emergency telephone number

Emergency number	: +31 (0) 78 6546770 This number is serviced during office hours.
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

The product is not classified according to the CLP regulation. The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

Other hazards not contributing to the classification	: This product contains less than 1% respirable quartz. Eurogrit consists of vitreous / amorphous components, and minerals. Main elements are SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ and CaO.
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SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures**4.1. Description of first aid measures**

First-aid measures general	: No special environmental protection measures are necessary.
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First-aid measures after inhalation	: Remove the victim into fresh air. Consult doctor in case of complaints.
First-aid measures after skin contact	: The product is not considered to be irritating to the skin.
First-aid measures after eye contact	: Rinse opened eye for several minutes under running water. Then consult doctor.
First-aid measures after ingestion	: No special environmental protection measures are necessary.

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

Symptoms/injuries	: Not applicable.
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4.3. Indication of any immediate medical attention and special treatment needed

Not known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Not applicable. The product is not flammable.
Unsuitable extinguishing media	: None.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Not combustible.
Explosion hazard	: Not applicable.
Reactivity	: Chemically inert substance.

5.3. Advice for firefighters

Protection during firefighting	: No special measures required.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Prevent dust cloud formation.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing. Use suitable protective equipment (see Chapter 8).
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6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not allow to enter drains or water courses. Prevent dust from spreading and avoid distribution of the product.

6.3. Methods and material for containment and cleaning up

For containment	: Pick up mechanically. Keep in suitable, closed containers for disposal.
Methods for cleaning up	: Remove mechanically (sweep).
Other information	: Ensure adequate air ventilation.

6.4. Reference to other sections

See Headings 7 and 8. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: No special regulations.
Precautions for safe handling	: No particular/specific measures required.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Not required.
Special rules on packaging	: Not applicable.

7.3. Specific end use(s)

See section 1.2 for the identified in uses.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information	: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
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8.2. Exposure controls

Appropriate engineering controls	: Avoid all unnecessary exposure. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Handle in accordance with good industrial hygiene and safety practice. Observe normal hygiene standards. Provide adequate ventilation.
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Hand protection	: Suitable protection (eg protective clothing, barrier cream) is recommended for employees who suffer from dermatitis or sensitive skin. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. . Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Eye protection	: Safety spectacles with side shields.
Respiratory protection	: Short term filter device: . P2. Wear in case of prolonged exposure to dust concentrations in air respirator that meets the requirements of European or national legislation.Wear in case of prolonged exposure to dust concentrations in air respirator that meets the requirements of European or national legislation.
Environmental exposure controls	: Avoid dispersal in the wind, damming of spilled products and prevent spills.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Granulate. Grain shape: angular, sharp edged, glassy.
Colour	: Dark brown to grey.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
pH solution	: 400 g/l water at 20 °C : pH < 10
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 1260 °C
Freezing point	: No data available
Boiling point	: > 2000 °C
Flash point	: Not determined. °C
Self ignition temperature	: Product is not selfigniting. °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Product is not flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1200 - 1600 kg/m ³ Bulk density at 20°C
Solubility	: Material insoluble in water. Organic solvent:0 g/100ml
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content	: 0 % VOC (EC)
Other properties	: Respirable quartz: <1%. Solids content: 96.9 %.

SECTION 10: Stability and reactivity

10.1. Reactivity

Chemically inert substance.

10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

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10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Subacute to chronic toxicity: Prolonged exposure to respirable dust in levels above the exposure limits may cause lung disease. Symptoms: Reduced lung function.

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LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
Skin corrosion/irritation	: Not classified No skin irritation
Serious eye damage/irritation	: Not classified Minor eye irritation.
Respiratory or skin sensitisation	: Not classified (Conclusive but not sufficient for classification)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified (The product contains no carcinogenic substances.) The product contains no carcinogenic substances. The product is free from crystalline quartz (content < 0.1%)
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified Slightly irritating.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The preparation is not classified as "dangerous for the environment".

12.2. Persistence and degradability

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Persistence and degradability	Biodegradability: not applicable.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No information available.
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12.4. Mobility in soil

EUROGRIT, EUROFINESSE (68476-96-0)

Ecology - soil	No information available.
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12.5. Results of PBT and vPvB assessment

EUROGRIT, EUROFINESSE (68476-96-0)

PBT: not relevant – no registration required
vPvB: not relevant – no registration required

12.6. Other adverse effects

Other adverse effects : No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.
EURLW code : 12 01 16* - waste blasting material containing dangerous substances
12 01 17 - waste blasting material other than those mentioned in 12 01 16

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

No dangerous good in sense of transport regulations.

14.2. UN proper shipping name

Not applicable

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14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : No dangerous good in sense of transport regulations.

14.6.1. Overland transport

Transport regulations (ADR) Subject to the provisions

Transport regulations (RID) Subject to the provisions

14.6.2. Transport by sea

Transport regulations (IMDG) : Subject to the provisions

14.6.3. Air transport

Transport regulations (ICAO) : Subject to the provisions

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

VOC content : 0 % VOC (EC)

Other regulations, restrictions and prohibition regulations : European Dangerous Substances Directive 67/548/EEC: This product is not classified as dangerous. Regulation (EC) No 1907/2006: Exempt pursuant to Art. 2, paragraph 7.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms : NOEC: No Observed Effect Concentration . 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. ICAO: International Civil Aviation Organization. GHS: Globally Harmonized System of Classification and Labelling of Chemicals. VOC: Volatile Organic Compounds (USA, EU. LC50: Lethal concentration, 50 percent. LD50: Lethal dose, 50 percent.

Training advice : Employees must be informed and trained in the use and proper handling of the product, as required under applicable laws and regulations.

Other information : This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Third Party Materials: Insofar as materials not manufactured or supplied by Eurogrit in combination with or instead of materials Eurogrit, it is the responsibility of the customer for all technical data and other properties related to these and other materials to obtain of the manufacturer or supplier and also all the information associated with them. No liability can be accepted for the use of aluminum silicate (coal slag) of Eurogrit in combination with materials from another supplier. Liability in this safety data sheet is to the best of Eurogrit accurate and reliable as of the date indicated. However, no statements made or warranty regarding the accuracy, reliability or completeness of the information. It is the responsibility of the user to convince himself of the suitability and completeness of such information for its specific use.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.