



OMEGA-SIL

**This PSI replaces the MSDS. Product is not hazardous according to CLP, see section 2.1.
Please observe the general information about this PSI in section 16. "Other Information".**

1. Identification of the Substance / Mixture and of the Company / Undertaking

1.1 Product Identifier

Commercial product name OMEGA-SIL
REACH registration number 01-2119491179-27-xxxx

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use Functional filler.
Use advised against None.

1.3 Details of the Supplier of the Product Safety Information

Company designation OMEGA MINERALS Germany GmbH
Rugenbarg 63a
22848 Norderstedt
Germany
E-mail (competent person) info@osthoffomegagroup.com

1.4 Emergency Telephone Number

Emergency telephone number +49 40 528707-0
Mobile +491776784633

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification according to: Regulation (EC) No. 1272/2008 Not classified according to CLP.

2.2 Labelling Elements

Labelling according to: Regulation (EC) No. 1272/2008 Not subject to labelling.

2.3 Other Hazards

Other hazards None.

3. Composition / Information on Ingredients

3.1 Chemical Characterization

EC name Ashes (residues), coal.
Synonyms Fly ash, coal fly ash.
EC no. 931-322-8.
Purity 100% (UVCB). Substance is UVCB-substance composed of glassy/ amorphous material and mineral phases. Its chemical composition is preferably analyzed as elements and reported as the mass percent of each equivalent oxide, e.g. SiO₂, Al₂O₃, Fe₂O₃, CaO.

4. First Aid Measures

4.1 Description of First Aid Measures

If inhaled	No specific measures required.
In case of skin contact	Wash with water (if irritation persists, seek medical advice).
In case of eye contact	Rinse with water (if irritation persists, seek medical advice).
If swallowed	Drink plenty of water (upon discomfort, seek medical advice).
Information for the physician	No allergic reactions known, the substance is mineral dust.
Acute or delayed symptoms and/or effects	Might cause mechanical irritations of skin and/or eyes.

4.2 Indication of any Immediate Medical Attention and Special Treatment Needed

Immediate medical attention	None.
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5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media	The product is not combustible. Choose extinguishing media suitable for surrounding fire.
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5.2 Special Hazards Arising from the Substance or Mixture

Special hazards	None.
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5.3 Advice for Fire Fighters

Additional information	Not required.
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6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions	Avoid generation of dust. Refer to section 6.4.
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6.2 Environmental Precautions

Environmental precautions	Avoid generation of dust. Refer to section 6.4.
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6.3 Methods and Materials for Containment and Cleaning Up

Spillage	Sweep up substance, store and dispose in suitable containers. Generation of dust can be avoided by using an approved industrial vacuum cleaner.
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6.4 Reference to Other Sections

Personal precautions	See section 8.
Disposal	See section 13.

7. Handling and Storage

7.1 Precautions for Safe Handling

Advice on safe handling	Avoid generation of dust. Do not eat, drink and/or smoke in workplace. Wear suitable protective clothing (e.g. protective goggles, gloves). Avoid long or repeated skin contact. Wash hands after work.
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7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage space and container requirements	No special requirements are necessary.
Storage specifications	No special requirements are necessary.

7.3 Specific End Uses

Information on end uses	None.
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11. Toxicological Information

11.1 Potential Health Effects

Potential hazards to health The substance is not classified as hazardous.

11.2 Acute Toxicity, Oral, Inhalation, Dermal

Acute toxicity No acute toxicity.

11.3 Irritation: Skin, Eye

Irritation Not irritating.

11.4 Corrosivity

Corrosivity Not corrosive.

11.5 Sensitisation

Sensitisation Not sensitising.

11.6 Repeated Dose Toxicity

Toxicity No repeated toxicity.

11.7 Mutagenicity

Mutagenicity Not mutagen.

11.8 Carcinogenicity

Carcinogenicity No carcinogenic effects are known.

11.9 Toxicity to Reproduction

Toxicity to reproduction No reproduction toxicity.

11.10 Additional Information

Further information For more detailed information to toxicological aspects, see Chemical Safety Report (CSR).

12. Ecological Information

12.1 Toxicity

Toxicity The substance is classified as non-hazardous. No aquatic toxicity. No toxicity in sewage treatment plants.

12.2 Persistence and Degradability

Degradability Not applicable: inorganic substance. Neither photo- or chemical degradation, nor biodegradation is expected.

12.3 Bioaccumulative Potential

Bioaccumulation Not applicable: inorganic substance. Significant bioaccumulation is not expected.

12.4 Mobility in Soil

Mobility Moderately mobile in soil. An adsorption to soil particles is possible. Leaching of main compounds (SiO₂, Al₂O₃) is not expected.

12.5 Results of PBT and vPvB Assessment

Results of assessment No PBT and/or vPvB properties.

12.6 Other Adverse Effects

Further Information No other adverse effects are known. Due to the CLP system the substance has not to be labelled as dangerous for the environment. For more detailed information to toxicological aspects, see Chemical Safety Report (CSR).

13. Disposal Considerations

13.1 Waste Treatment Methods

Disposal considerations	Ashes (residues), coal have to be disposed of by national regulations for non-hazardous wastes; no further special treatment methods are necessary.
Waste codes	10 Wastes from thermal processes. 10 01 Wastes from power stations and other combustion plants (except 19). 10 01 02 Coal fly ash. 10 01 17 Fly ash from co-incineration other than those mentioned in 10 01 16.

14. Transport Information

14.1 Transport Information

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Land transport ADR/RID-GGVSEB	Not a dangerous good according to the regulations.
Marine transport IMDG/GGVsee	Not a dangerous good according to the regulations.
Air transport ICAO/IATA	Not a dangerous good according to the regulations.

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations / Legislations Specific for the Substance or Mixture

VwVws	German "Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes".
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15.2 Chemical Safety Assessment

Safety assessment	Ashes (residues), coal do not require any labelling. Not classified as PBT and/or vBvP substances.
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15.3 Water Pollution Class

Water hazard	WGK 1 "German Water Hazard Classification" (slightly hazardous to water) - self assessment according to Annex 3 VwVws.
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16. Other Information

16.1 General Information

According to Chapter 1.5.2 of the UN Globally Harmonised System of classification and labelling of chemicals (GHS), Article 58 (2)(a), and Article 59(2)(b) of (EC) No 1272/2008 (CLP), which amends REACH article 31(1), **safety data sheets are only required for substances and mixtures that meet the harmonised criteria for physical, health or environmental hazards.**

Since the product does not meet these criteria, a safety data sheet is not issued.

In order to communicate relevant HSE information, this Product Safety Information (PSI) is provided instead.

REACH article 31(7) requires relevant exposure scenarios from the Chemical Safety Report (CSR) to be placed into the annex to the Safety Data Sheet. According to REACH Annex I, section 0, subsection 0.6. no. 4 and 5 however, **exposure scenarios are only required for hazard-classified substances or preparations.**

Since the product is not hazard-classified, there is no requirement for exposure scenarios.

16.2 Legal Disclaimer

The information given in this PSI is to the best of OMEGA MINERALS' knowledge and believed accurate and reliable as of the data indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

16.3 Reasons for Amendments

Harmonisation of version number.

This Product Safety Information sheet replaces the Version 02 from 25.09.2013.