



Safety Data Sheet
according to WHS Regulations

Printing date 25.05.2023

Version number 30

Revision: 25.05.2023

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- **Product identifier**
- **Trade name** Servofine F 333
- **Relevant identified uses of the substance or mixture and uses advised against** none
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Knife filler/ Surfacer
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Kiesel Bauchemie GmbH & Co. KG
Wolf-Hirth-Str. 2

D-73730 Esslingen

Tel.: +49(0)711/93134-0
Fax: +49(0)711/93143-140
E-Mail: sida@kiesel.com

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101 Prosperity Way,
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- **Informing department:** Laboratory, departments of environmental protection and labor protection
- **Emergency telephone number:** Poison Information Center Freiburg Tel.: +49(0)761/ 19240 (24h German and English)

2 Hazard(s) Identification

- **Classification of the substance or mixture**



health hazard

STOT RE 2 H373 May cause damage to the lung through prolonged or repeated exposure.
Route of exposure: Inhalation.

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corrosion
Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H335 May cause respiratory irritation.

- Label elements
- GHS label elements
- Hazard pictograms

The product is classified and labelled according to the Globally Harmonised System (GHS).


GHS05 GHS07 GHS08

- Signal word
- Hazard-determining components of labelling:
- Hazard statements

Danger

- Precautionary statements

Portland Cement
Quartz (SiO₂)
Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.
May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
Keep out of reach of children.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection / face protection.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Get medical advice/attention if you feel unwell.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

- Other hazards
- Results of PBT and vPvB assessment
- PBT:

Not applicable.

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· vPvB:

Not applicable.

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3 Composition and Information on Ingredients

· Chemical characterisation: Mixtures

· Dangerous components:

CAS: 65997-15-1	Portland Cement ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	10-<25%
CAS: 14808-60-7	Quartz (SiO ₂) Consisting of: 14808-60-7 Quarz (>98%); 14808-60-7 Quartz (fine fraction) (1-10%) ⚠ STOT RE 2, H373	10-<25%
CAS: 65997-16-2	Calcium Aluminate Cement ⚠ Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319	10-<25%
CAS: 471-34-1	calcium carbonate	10-<25%

· Additional information

See also information on "8 Exposure controls and personal protective equipment".
For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

· General information

Immediately remove contaminated clothing.
If you feel unwell, seek medical advice.

· After inhalation

Do not breathe dust.
Inhalation of dusts causes irritation and swelling of the respiratory organs.
In case of unconsciousness bring patient into stable side position for transport.

· After skin contact

Seek medical treatment in case of complaints.

· After eye contact

Instantly wash with water and soap and rinse thoroughly.
Rinse opened eye for several minutes under running water.
Then consult doctor.

· After swallowing

Make patient vomit by him/herself.
The decision whether to provoke vomiting or not is to be taken by a physician.

· Information for doctor

· Most important symptoms and effects, both acute and delayed

No further relevant information available.

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· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire Fighting Measures

- Suitable extinguishing agents *The product itself does not burn. CO₂, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam. Use fire fighting measures that suit the environment.*
- For safety reasons unsuitable extinguishing agents *Water with a full water jet.*
- Special hazards arising from the substance or mixture *Formation of toxic gases is possible during heating or in case of fire.*
- Protective equipment: *Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.*

6 Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures *Ensure adequate ventilation
Avoid causing dust.
Respirator must be worn if exposed to dust.
Wear protective clothing.
Put on breathing apparatus.*
- Environmental precautions: *No special measures required.*
- Methods and material for containment and cleaning up: *Use neutralising agent.
Dispose of contaminated material as waste according to item 13.
Collect mechanically.*
- Reference to other sections *hardened after contact with water
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.*

7 Handling and Storage

- Handling
- Precautions for safe handling *Keep the product out of the reach of children.
Thorough dedusting.
Do not leave the container standing open.*

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Ensure good ventilation/exhaustion at the workplace.
 Avoid contact with skin and eyes.
 Do not breathe dust.
 Breathing apparatus only if aerosol or dust is formed.
 protected above to humidity

- Information about protection against explosions and fires: Keep breathing equipment ready.
- Storage
- Requirements to be met by storerooms and containers: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- Specific end use(s): No further relevant information available.

8 Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see section 7.

- Components with critical values that require monitoring at the workplace:

CAS: 65997-15-1 Portland Cement

 WES Long-term value: 10 mg/m³
 inhalable dust

 CAS: 14808-60-7 Quartz (SiO₂)

 WES Long-term value: 0.05 mg/m³
 respirable dust

CAS: 471-34-1 calcium carbonate

 WES Long-term value: 10 mg/m³
 inhalable dust

- Additional information: The lists that were valid during the compilation were used as basis.
- Personal protective equipment
- General protective and hygienic measures

Do not eat or drink while working.
 Keep away from foodstuffs, beverages and food.
 Instantly remove any soiled and impregnated garments.
 Wash hands during breaks and at the end of the work.
 Store protective clothing separately.
 Avoid contact with the skin.
 Avoid contact with the eyes and skin.
- Breathing equipment: Suitable respiratory protection for low concentrations or short-term exposure: Particle filter EN 143 type P2 (medium retention capacity (solid and liquid pollutant particles)).

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• **Protection of hands:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air. Breathing apparatus only if aerosol or dust is formed.

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Rubber gloves

• **Material of gloves**

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**

Tightly sealed safety glasses.

9 Physical and Chemical Properties

• **Information on basic physical and chemical properties**

• **Appearance:**

• **Form:**

Powder

• **Colour:**

Light grey

• **Smell:**

Characteristic

• **Odour threshold:**

Not determined.

• **pH-value at 20 °C:**

12 (5%)

• **Change in condition**

• **Melting point/freezing point:**

Not determined

• **Initial boiling point and boiling range:**

not apply

• **Flash point:**

Not applicable

• **Inflammability (solid, gaseous)**

Not determined.

• **Decomposition temperature:**

Not determined.

• **Self-inflammability:**

Product is not selfigniting.

• **Explosive properties:**

Product is not explosive.

• **Critical values for explosion:**

• **Lower:**

Not determined.

• **Upper:**

Not determined.

• **Steam pressure:**

Not applicable.

• **Density at 20 °C**

1.8 g/cm³

• **Relative density**

Not determined.

• **Vapour density**

Not applicable.

• **Evaporation rate**

Not applicable.

• **Solubility in / Miscibility with**

• **Water:**

is setting hydraulically

• **Partition coefficient: n-octanol/water:**

Not determined.

• **Viscosity:**

• **dynamic:**

Not applicable.

• **kinematic:**

Not applicable.

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· Solvent content:	
· Solids content:	100.0 %
· Other information	The physical data are average values.

10 Stability and Reactivity

· Reactivity	No further relevant information available.
· Possibility of hazardous reactions	No dangerous reactions known
· Conditions to avoid	No further relevant information available.
· Incompatible materials:	No further relevant information available.
· Hazardous decomposition products:	none under normal use

11 Toxicological Information

· Information on toxicological effects	
· Acute toxicity	Based on available data, the classification criteria are not met.
· Skin corrosion/irritation	Causes skin irritation.
· Serious eye damage/irritation	Causes serious eye damage.
· Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
· Germ cell mutagenicity	Based on available data, the classification criteria are not met.
· Carcinogenicity	Based on available data, the classification criteria are not met.
· Reproductive toxicity	Based on available data, the classification criteria are not met.
· STOT-single exposure	May cause respiratory irritation.
· STOT-repeated exposure	May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
· Aspiration hazard	Based on available data, the classification criteria are not met.
· Experience with humans:	May cause eye/skin irritation. The product contains cement. In combination with humidity the product provokes an alkaline reaction.
· Additional toxicological information:	According to concentration, aqueous solution causes irritations or burns of eyes, skin and mucous membranes.

12 Ecological Information

· Toxicity	
· Aquatic toxicity:	No further relevant information available.
· Persistence and degradability	No further relevant information available.
· Behaviour in environmental systems:	
· Bioaccumulative potential	No further relevant information available.
· Mobility in soil	No further relevant information available.

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- **Ecotoxical effects:** *only by unintentional binding with much material and water is a highly pH-value possible*
- **Additional ecological information:**
- **General notes:** *Ecological injuries are not known or expected under normal use.
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.*
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **Other adverse effects** *No further relevant information available.*

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** *Disposal according to official regulations*
- **further Notes** *Mix product residue with water, allow to harden, then dispose as Construction Waste.*
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*
- **Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

14 Transport information

- | | |
|--|------|
| · UN-Number
· ADG, ADN, IMDG, IATA | Void |
| · UN proper shipping name
· ADG, ADN, IMDG, IATA | Void |
| · Transport hazard class(es)
· ADG, ADN, IMDG, IATA
· Class | Void |

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· Packing group	
· ADG, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not classified as dangerous in the meaning of transport regulations.
· UN "Model Regulation":	Void

15 Regulatory information

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

· Australian Inventory of Industrial Chemicals

CAS: 65997-15-1	Portland Cement
CAS: 14808-60-7	Quartz (SiO ₂)
CAS: 65997-16-2	Calcium Aluminate Cement
CAS: 471-34-1	calcium carbonate
CAS: 10034-76-1	Calcium sulfate hemihydrate
CAS: 9004-34-6	Cellulose
CAS: 497-19-8	sodium carbonate
CAS: 554-13-2	lithium carbonate
CAS: 6381-59-5	Potassium sodium tartrate
CAS: 7720-78-7	iron sulphate
CAS: 9004-58-4	ethyl hydroxyethyl cellulose

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· Australia: Priority Existing Chemicals

None of the ingredients is listed.

· GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS05 GHS07 GHS08

· Signal word

Danger

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- **Hazard-determining components of labelling:** **Portland Cement**
- **Hazard statements** **Quartz (SiO₂)**
Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.
May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Precautionary statements** **Keep out of reach of children.**
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection / face protection.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Get medical advice/attention if you feel unwell.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** **None of the ingredients are included**
- **National regulations**
- **Information about limitation of use:** **Employment restrictions concerning young persons must be observed.**
Employment restrictions concerning pregnant and lactating women must be observed.
- **Chemical safety assessment:** **A Chemical Safety Assessment has not been carried out.**

16 Other information

Chapters which have been revised from the previous issue are marked "***".

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

This information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. It does not constitute a legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.

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· **Relevant phrases**

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

· **Department issuing data specification sheet:**

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

· *** Data compared to the previous version altered.**

· **Comment**

The information is based on our knowledge we do have so far. However it is not a confirmation of product features and does not establish contractual legal relationship. Use, operation and processing are the responsibility of the customer.

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