

# Safety Data Sheet

## Swisspearl Multi Force

Replaces date: 1/26/2022

Revision date: 3/23/2023  
Version: 2.2.0

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

**1.1. Product identifier**

**Trade name:** Swisspearl Multi Force

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

**Recommended uses:** Fiber Cement building board.

**1.3. Details of the supplier of the safety data sheet**

**Supplier**

Company: Swisspearl Danmark Holding A/S  
 Address: Gasværksvej 24,1  
 Zip code: 9100  
 City: Aalborg  
 Country: DENMARK  
 E-mail: info@dk.swisspearl.com  
 Phone: + 45 99 37 22 22

**1.4. Emergency Telephone Number**

+45 99 37 22 22 ( Company) The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**CLP-classification:** The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

**Most serious harmful effects:** May cause slight irritation to the skin and eyes.  
 According to REACH, the product is an article and is consequently not subject to the requirement for a safety data sheet.

**2.2. Label elements**

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

**2.3. Other hazards**

The product does not contain any PBT or vPvB substances.  
 Endocrine disrupting properties: None known.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Portland cement, cellulose, filler, plastic fiber		1 - 100 %		

Please see section 16 for the full text of H- / EUH-phrases.

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- Inhalation:** Seek fresh air, wash out mouth with water and blow nose thoroughly.
- Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
- Skin contact:** Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
- Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
- General:** When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms. No special immediate treatment required.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

- Suitable extinguishing media:** The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.
- Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

**5.2. Special hazards arising from the substance or mixture**

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air.

**5.3. Advice for firefighters**

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel:** Wear gloves.
- For emergency responders:** Normal protective clothing equivalent to EN 469 is recommended.

**6.2. Environmental precautions**

Prevent spillage from entering drains and/or surface water.

**6.3. Methods and material for containment and cleaning up**

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

**6.4. Reference to other sections**

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

**SECTION 7: Handling and storage**

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**7.1. Precautions for safe handling**

Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a dry area.

**7.3. Specific end use(s)**

None.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Legal basis:** Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2022/431/EU. Resolution 2019/2182(INL) (Protecting workers from asbestos) as subsequently amended. Last amended by resolution 2022/C 184/03.

**8.2. Exposure controls**

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of dust contact with eyes. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Wear gloves. Gloves must conform to EN 374.

**Personal protective equipment, respiratory protection:** Wear respiratory protective equipment with P2 filter when performing dusty work. Respiratory protection must conform to one of the following standards: EN 136/140/145.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Parameter	Value/unit
State	Solid substance
Colour	Grey
Odour	No data
Solubility	Solubility in water: Insoluble

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	

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Explosion limits	No data	
Flash Point	No data	
Auto-ignition temperature	No data	
Decomposition temperature	> 150 °C	250°C: The product loses 90% of its initial strength.
pH (solution for use)	No data	
pH (concentrate)	~ 11	(Due to calcium hydroxide, pH will reduce over time)
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	1.8	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

### 9.2. Other information

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not reactive.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity - oral:** The product does not have to be classified. Test data are not available.

**Acute toxicity - dermal:** The product does not have to be classified. Test data are not available.

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<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	May cause slight irritation. The product does not have to be classified. Test data are not available.
<b>Serious eye damage/eye irritation:</b>	May cause eye irritation. The product does not have to be classified. Test data are not available.
<b>Respiratory sensitisation or skin sensitisation:</b>	The product does not have to be classified. Test data are not available.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	Inhalation of dust may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.

**11.2. Information on other hazards**

<b>Endocrine disrupting properties:</b>	None known.
<b>Other toxicological effects:</b>	None known.

**SECTION 12: Ecological information**

**12.1. Toxicity**

The product does not have to be classified. Test data are not available.

**12.2. Persistence and degradability**

Not expected to be biodegradable.

**12.3. Bioaccumulative potential**

No bioaccumulation expected.

**12.4. Mobility in soil**

Hardens to a firm, non-mobile mass.

**12.5. Results of PBT and vPvB assessment**

The product does not contain any PBT or vPvB substances.

**12.6. Endocrine disrupting properties**

None known.

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**12.7. Other adverse effects**

None known.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Do not discharge large quantities of concentrated spills and residue into drains.  
 Hardened cement is non-hazardous waste. Contact the local authorities for instructions on handling. Use the below code for waste registration.  
 Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

**Category of waste:** EWC code: Depends on line of business and use, for instance 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10  
 Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

**SECTION 14: Transport information**

**14.1. UN number or ID number:** Not applicable. **14.4. Packing group:** Not applicable.  
**14.2. UN proper shipping name:** Not applicable. **14.5. Environmental hazards:** Not applicable.  
**14.3. Transport hazard class(es):** Not applicable.

**14.6. Special precautions for user**

None.

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable.

**SECTION 15: Regulatory information**

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

**Special Provisions:** None.

**15.2. Chemical Safety Assessment**

**Other Information:** Chemical safety assessment has not been performed.

**SECTION 16: Other information**

**Version history and indication of changes**

Version	Revision date	Responsible	Changes
2.2.0	3/23/2023	Bureau Veritas HSE / MPE	1, 2, 13, 16

**Abbreviations:** PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: Very Persistent and Very Bioaccumulative  
 STOT: Specific Target Organ Toxicity

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**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components.

#### SDS is prepared by

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