

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 2

Revised edition: 09.05.2023

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fine dust is possible.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Natural calcium carbonate (approx. 97 %) obtained from seeshells.

Information on Components / Hazardous Ingredients:

Natural calcium carbonate (ca. 97 %)	> 95 %	CAS-Nr: 471-34-1 EINECS-Nr: 207-439-9 EC-Nr:
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Additional information:

Exempted from the mandatory REACH Registration (Annex V No. 7)

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

*Supply fresh air.
Consult physician if symptoms persist.*

After skin contact:

Wash off with water.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

*Rinse mouth with plenty of water.
If symptoms persist consult physician.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

next page: 3

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 3

Revised edition: 09.05.2023

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5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

*Product is not flammable.
No special hazards.*

5.3. Advice for Firefighters

Protective equipment:

No special measures required.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

*Wear protective clothing.
Avoid formation of dust.*

6.2. Environmental Precautions

Environmental precautions:

No special measures required.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.

6.4. Reference to other Sections

*Protective clothing, see Section 8.
See Section 13 for information on disposal.*

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust.

Hygienic measures:

No further measures, see Section 8.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

No special measures necessary.

Storage class:

13; Non combustible solids (TRGS 510)

Further Information:

next page: 4

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 4

Revised edition: 09.05.2023

Version: 2

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7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

General dust limit

Parameters to be controlled (DE):

TRGS 900

TLV: 1.25 mg/m³ air-borne fraction (general dust limit)

TLV: 10 mg/m³ inhalable fraction (general dust limit)

Parameters to be controlled:

Suva-List 2011, MAK (CH): 10 mg/m³ (inhalable fraction); 3 mg/m³ (airborne fraktion)

GKV 2011, MAK (A): 10 mg/m³ (inhalable fraction); 2.5 mg/m³ (airborne fraction)

Derived No-Effect Level (DNEL):

No values available.

Predicted No-Effect Concentration (PNEC):

No values available.

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation in case of dust formation.

Personal Protection

General protective measures:

Do not inhale dust.

Do not eat, drink or smoke during work.

Wash contaminated clothes before reuse.

Respiratory protection:

Dust mask recommended when very dusty (with particle filter FFP2).

Hand protection:

Not required

Protective glove material:

Eye protection:

Recommended in case of dust formation (EN 166).

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

next page: 5

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 5

Revised edition: 09.05.2023

Version: 2

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<i>Form:</i>	<i>solid</i>
<i>Color:</i>	<i>white-iridescent</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not available</i>
<i>Melting temperature:</i>	<i>not determined</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not combustible</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>non-combustible</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.24 g/cm³</i>
<i>Solubility in water:</i>	<i>practically insoluble</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>not explosive</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	<i>1.10 g/cm³</i>

9.2. Further Information

next page: 6

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 6

Revised edition: 09.05.2023

Version: 2

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Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

Loss of ignition (1000°C): 10 %

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

No information available.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

No toxicological effects known.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Dust may irritate eyes.

Inhalation:

No information available.

next page: 7

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 7

Revised edition: 09.05.2023

Version: 2

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Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No negative effects.

Carcinogenicity:

No negative effects.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No negative effects.

Aspiration hazard:

Not applicable

11. 2. Information on other Hazards

No further information available.

12. Ecological Information

12. 1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12. 2. Persistency and Degradability

No information available.

12. 3. Bioaccumulation

Bioaccumulation is not to be expected.

12. 4. Mobility

Product is not water soluble.

12. 5. Results of PBT- und vPvP Assessment

Not applicable.

12. 6. Endocrine Disrupting Properties

Not listed.

12. 7. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 8

Revised edition: 09.05.2023

Version: 2

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AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Non-contaminated packaging may be recycled.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

next page: 9

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



50825 Mother of Pearl, white

Page 9

Revised edition: 09.05.2023

Version: 2

Printed: 09.05.2023

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

0, not hazardous (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.
Exempted from the mandatory REACH Registration (Annex V No. 7)*

15.3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.