

Best Spezial Feinkorn

Material Safety Data Sheet in accordance with Regulation on (EC) 1907/2006 and Regulation on (EC) 453/2010

Version 1, Revision date: 15.11.2012

IMSORB Ölbindemittelhandels- und Logistik GmbH
Büdericher Straße 64 • D-46487 Wesel

Telefon +49 (0) 2803 / 80 22 14

E-Mail info@imsorb.de

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Identification of the substance/mixture: Best Spezial Feinkorn

CAS-Nummer: 63800-37-3

EC number: 264-465-3

REACH Registration number: Exempt

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

This material should only be used for industrial purposes.

Absorbent

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier:

IMSORB Ölbindemittelhandels- und Logistik GmbH

Büdericher Straße 64

D-46487 Wesel

Tel.: +49 (0) 2803 / 80 22 14

Fax: +49 (0) 2803 / 80 33 09

E-Mail: info@imsorb.de

1.4 Emergency telephone number

+49 (0) 152 / 568 745 10 (9.00 - 17.00)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to directives 67/548/EEC and 1999/45/EC

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

Classification according to Regulation (EC) 1272/2008

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

2.2. Label Elements

Labelling according to directives 67/548/EEC and 1999/45/EC

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

Labelling according to Regulation (EC) 1272/2008

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

2.3. Other hazards

Sepiolite produced by TOLSA has no carcinogenic effects as it has been demonstrated by epidemiological, in vitro and in vivo studies.

This product may generate dust during handling and use. This product may contain contain quartz (crystalline silica). Long term overexposure to crystalline silica dust may cause silicosis.

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Section 3: Composition/information on ingredients

3.1. Substance/preparation

This product may contain crystalline silica in quantity up to 5%.

Sepiolite is not listed as dangerous substance in the Annex I of Directive 67/548/EEC as amended, not listed in Annex VI of Regulation (EC) 1272/2008.

Sepiolite is an exemption from the obligation to register in compliance with Annex V of Regulation (EC) 1907/2006

Section 4: First aid measures

4.1. Description of necessary first aid measures

Inhalation

Allow resting in a well-ventilated area if high concentration is inhaled and mechanical irritation or discomfort occurs. Seek medical attention if irritation persists.

Skin contact

Wash with mild soap and water and rinse with plenty of water.

Eye contact

Rinse with plenty of water. Seek medical advice if irritation persists.

Ingestion

Symptomatic treatment and seek medical advice in case of prolonged discomfort.

Individual protection of the person providing first aid

No information available.

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

Most important symptoms and effects, both acute and delayed : Mechanical Irritation

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

Indication of any immediate medical attention and special treatment needed : No information available.

Section 5: Firefighting measures

5.1. Extinguishing Media

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable extinguishing media: For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture: None special

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5.3 Advice for firefighters

Protective equipment and actions:

No special requirements.

Do not allow spillage of fire will be poured into drains or watercourses.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Avoid dust formation

Avoid breathing dust and contact with eyes

Use respiratory protection if high dust conditions, chemical resistant gloves and safety glasses

For emergency responders: None special

6.2. Environmental precautions

Do not discharge into any drains, surface waters or groundwaters.

6.3. Methods and material for containment and cleaning up

Scoop up or vacuum soil spillages, if appropriated, use gentle water spray to wet down

Ventilate area and wash spill site after material pickup is complete.

Place in a closed container prior to disposal. Dispose of in accordance with current laws and regulations.

6.4. Reference to other sections

No information available

Section 7: Handling and storage

7.1. Precautions for safe handling

Recommendations:

Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.

Advice on general occupational hygiene:

Provide suitable air extraction ventilation in the work areas.

Observe the rules of hygiene and safety at work.

Other information:

Keep only in the original container.

7.2. Conditions for safe storage, including any incompatibilities

Store in dry area

Keep away from incompatible materials (see section of incompatibility).

Do not store this material near food or drinking water.

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area.

7.3. Specific end use(s)

None

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Section 8: Exposure controls/personal protection

8.1. Control parameters

This product has no specific Occupational Exposure Limit (OEL). Respect regulatory provisions for dust (inhalable and respirable)

8.2. Exposure controls

Appropriate engineering controls: General ventilation.

Local exhaust ventilation is recommended to keep airborne dust levels below exposure limits

Individual protection measures, such as personal protective equipment:

Eye/face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Skin protection: Light protective clothing recommended. Wash contaminated clothing before reuse.

Hand protection: Avoid inhalation and contact with skin and eyes.

Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Other: Measures should be taken to prevent materials from being splashed into the eyes or on the skin.

Wear eyeslids and protective clothing.

Respiratory protection: Use air-purifying dust respirator if airborne dust concentration is above exposure limits.

In the case of brief exposure, use a device filter.

Thermal hazards: No information available.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Light cream granules
Odour:	Odourless
pH :	8.5 ± 0.5.
Melting point:	1550 °C
Boiling Point :	No information available.
Flash Point:	Not applicable
Evaporation Rate :	No information available.
Flammability (solid, gas) :	No information available.
Upper/lower flammability or explosive limits :	No information available.
Lower and upper explosive (flammable) limits :	No information available.
Vapor pressure at 20°C :	No information available.
Vapor density :	No information available.
Relative density:	2.1
Solubility(ies) :	Insoluble in water
Partition coefficient: n-octanol/water :	No information available.
Auto-ignition temperature :	No information available.
Decomposition temperature :	No information available.
Viscosity :	No information available.

9.2. Other information

No information available.

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Section 10: Stability and reactivity

10.1 Reactivity

None hazardous reactions are expected

10.2 Chemical stability

This product is stable in normal conditions.

10.3 Possibility of hazardous reactions

None hazardous reactions are expected

10.4 Conditions to avoid

No special requirements

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

None hazardous reactions or by-products are expected.

Section 11: Toxicological information

11.1. Information on toxicological effects

Information on toxicological acute effects

May cause eye irritation if exposed to large amounts of dust

Skin irritation may result from physical contact

Inhalation of high concentrations may cause irritation

Information on toxicological chronic effects

Sepiolite produced by TOLSA has no carcinogenic effects as it has been demonstrated by epidemiological, in vitro and in vivo studies.

Sepiolite is classified by IARC as class 3 („Cannot be classified as to carcinogenicity to humans“).

This product may contain quartz (crystalline silica). In 1997, IARC concluded that the respirable fraction of crystalline silica inhaled from occupational sources can cause lung cancer in humans. However, it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated (IARC Monographs, Vol 68)

In June 2003, the EU Scientific Committee on Occupational Exposure Limits

(SCOEL) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis.

“There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis.

Therefore preventing the onset of silicosis will also reduce the cancer risk...”. (SCOEL SUM Doc 94-final, July 2003)

Other relevant information

No mutagenic, teratogenic or developmental toxicity effects are known.

There is body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits.

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Section 12: Ecological information

12.1. Toxicity

No specific adverse effects are known

LC50 (96h, fish) > 14000 mg/l (OECD 203)

EC50 (96h, algae) > 300 mg/l (ISO/TC 147/SC 5WG 5 N85)

12.2. Persistence and degradability

Not biodegradable

12.3. Bioaccumulative potential

Not bioaccumulative

12.4. Soil mobility

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

See also Sections 6, 7, 13 and 15

Avoid contamination of soil, groundwater and surface water.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment containers:

Dispose in a safe manner in accordance with local/national regulations.

Appropriate methods of waste treatment of both substance or mixtures:

Dispose in a safe manner in accordance with local/national regulations.

Appropriate methods of waste treatment of contaminated packaging:

Dispose in a safe manner in accordance with local/national regulations.

Wastewater discharge:

No information available.

Community/national/regional provisions relating to waste:

No information available.

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Section 14: Transport information

14.1. Land Transport (ADR/RID)

Substance/mixture is not classified as hazardous for transport

14.2. Sea Transport (IMDG)

Substance/mixture is not classified as hazardous for transport

14.3. Air Transport (IATA)

Substance/mixture is not classified as hazardous for transport

Section 15: Regulatory information

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

Other:

No information available

Authorisations:

No information available.

Usage:

No information available.

15.2 Chemical Safety Assessment

No information available.

Section 16: Other information

Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC

Substance/mixture is not classified as hazardous according to Regulation (EC) 1272/2008

Reason for revision: Adaptation to CLP Regulation

The information in this Material Safety Data Sheet should be provided to all who will use, handle, storage, transport or otherwise be exposed to these products. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by TOLSA. However, TOLSA makes no guarantee or warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information related herein is based in proper handling and anticipated uses and is for the material without chemical additions/alterations Users should make their own investigations to determinate the suitability of the information for their particular purposes.