

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

O5892 Bone Ash, white

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Revised edition: 12.06.2023

Version: 1

Printed: 13.06.2023

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

1.1. Product Identifier

Product Name: Bone Ash, white

Article No.: O5892

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Thickener

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Interlabshop BV

Address: Lage Brink 23, 7317BD Apeldoorn The Netherlands

Tel./Fax.:

Internet: +31(0)55-5215016

EMail: www.labshop.nl

Importer: labshop@labshop.nl

1.4. Emergency No. --

Emergency No.: 112 (24 hours a day)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

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3.1. Substance**3.2. Mixture**

Chemical Characterization: Bone Ash (CaO 52%, P₂O₅ 40%, SiO₂ 2%)

Information on Components / Hazardous Ingredients:

Additional information:

*Chemical characterization (preparation): Carbonate apatite 4 Ca₃(PO₄)₂ * CaCO₃. Mineral part of animal bones (approx. values): 85 % tripotassium phosphate, 12 % calcium carbonate, 1 % magnesium carbonate*

4. First Aid Measures**4.1. Description of the First Aid Measures**

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air.

After skin contact:

No special measures required.

After eye contact:

Rinse eyes with water.

After ingestion:

Rinse mouth with plenty of water.

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

Symptoms:

No further information available.

Effects:

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

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures**5.1. Extinguishing Media**

Suitable extinguishing media:

Extinguishing powder, foam.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

No special measures required.

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Further information:

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Avoid inhalation 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:**Clean up mechanically. Avoid dust formation.***6.4. Reference to other Sections***Dispose of contaminated material according to Section 13.*

7. Handling and Storage**7.1. Precautions for Safe Handling***Instructions on safe handling:**Avoid formation of dust.**Hygienic measures:**Do not eat or drink during work. Do not smoke.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in tightly sealed containers in a dry room.**Product is hygroscopic.**Requirements for storage areas and containers:**No special measures necessary.**Information on fire and explosion protection:**No special measures necessary.**Storage class:**10-13 (TRSG 510)**Further Information:***7.3. Specific End Use(s)***Further information:*

8. Exposure Controls/Personal Protection**8.1. Parameters to be Controlled***Does not contain substances with occupational exposure limits.**Parameters to be controlled (DE):**Parameters to be controlled:**Derived No-Effect Level (DNEL):*

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Predicted No-Effect Concentration (PNEC):

Additional Information:

8. 2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

Wash hands before breaks and after work.

Respiratory protection:

Not required.

Hand protection:

Not required

Protective glove material:

Eye protection:

Not required.

Body protection:

Not required.

Environmental precautions:

9. Physical and Chemical Properties**9. 1. Information on Basic Physical and Chemical Properties**

Form: powder

Color: grayish white

Odor: odorless

Odor threshold:
no information available

pH-Value: 7

Melting temperature: 1300°C

Boiling temperature:
not applicable

Flash point:
not applicable

Evaporation rate:
This product is a non-volatile solid.

Flammability (solid, gas):
not applicable

Upper explosion limit:
no information available

Lower explosion limit:

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no information available

Vapor pressure:

not applicable

Vapor density:

This product is a non-volatile solid.

Density:

1100 kg/m³ (20°C)

Solubility in water:

insoluble

Auto-ignition temperature:

not applicable

Decomposition temperature:

not applicable

Viscosity, dynamic:

not applicable

Explosive properties:

not applicable

Oxidizing properties:

none

Bulk density:

9. 2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

No decomposition if used according to specifications (dry storage).

10.3. Possibility of Hazardous Reactions

None if used according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid humidity.

Thermal decomposition:

10.5. Incompatible Materials

None known.

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10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

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

No toxicity expected.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

No irritant effect known.

Irritant effect on eyes:

No irritant effect known.

Inhalation:

No irritant effect known.

Ingestion:

No irritant effect known.

Sensitization:

No sensitizing effects known.

Mutagenicity:

No mutagenic effects known.

Reproductive toxicity:

No negative effects.

Carcinogenicity:

No negative effects.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No negative effects.

Aspiration hazard:

No risk of aspiration.

11.2. Information on other Hazards

No further information available.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

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Bacteria toxicity:

Algae toxicity:

12. 2. Persistency and Degradability

No information available.

12. 3. Bioaccumulation

No information available.

The product is not hazardous to the aquatic system.

12. 4. Mobility

Product is not water soluble.

12. 5. Results of PBT- und vPvP Assessment

Not applicable.

12. 6. Endocrine Disrupting Properties

No data available.

12. 7. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13. 1. Waste Treatment Methods

Product:

Smaller quantities can be disposed of with household waste.

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.:

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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

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; Self-assessment)

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.

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.