

SAFETY DATA SHEET

according to Regulation (EU) No. 453/2010

Bardiglio

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code None.

Synonyms None.

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

Use of the Substance/Preparation Construction.

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification Carlo Bernasconi AG
Hohlstrasse 444
8048 Zürich
Tel. 0848 38 80 00
Fax. 0848 38 80 01
info@carloag.ch

1.4. Emergency telephone number +41 44 251 51 51 (Tox Center)

Issuing date 25.04.2013

Version 1

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (GHS/CLP) The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP), the product does not need to be classified nor labelled.

Classification according to EU Directives 67/548/EEC or 1999/45/EC None.

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements

Signal Word -
Hazard Statements None.
Precautionary statements P260d: Do not breathe dust.

Additional advice None.

GHS product identifier Calcium carbonate, CAS-No. 471-34-1, EC-No. 207-439-9

Labelling according to Directives 67/548/EEC or 1999/45/EC

None.

R-phrase(s) None.

S-phrase(s) S22: Do not breathe dust.

Hazardous component(s) which must be listed on the label None.

2.3. Other hazards May cause irritation of respiratory tract.

3. Composition/information on ingredients

Chemical characterization Limestone, marble, CaCO₃

Components		CLP Classification	DSD/DPD Classification	Product identifier
Calcium carbonate				CAS-No.: 471-34-1 EC-No.: 207-439-9

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None.

4. First aid measures

4.1. Description of first aid measures

Inhalation	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician for severe cases.
Skin contact	Wash with water and soap as a precaution. If skin irritation persists, call a physician.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

4.2. Most important symptoms and effects, both acute and delayed The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

4.3. Indication of any immediate medical attention and special treatment needed None known.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media No special measures required.

Extinguishing media which must not be used for safety reasons None.

5.2. Special hazards arising from the substance or mixture The product itself does not burn.

5.3. Advice for firefighters

Special protective equipment for firefighters In the event of fire, wear self contained breathing apparatus. Wear protective suit.

Specific methods Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel Avoid dust formation. Do not breathe vapours/dust.

Advice for emergency responders Avoid dust formation. Evacuate personnel to safe areas.

6.2. Environmental precautions Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections See chapter 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities Store at room temperature in the original container. Keep container tightly closed. Keep in a dry place.

7.3. Specific end use(s) No information available.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	respirable dust fraction Permissible exposure limit: 10 mg/m ³ . Alveolar dust fraction Permissible exposure limit: 3 mg/m ³ .
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8.2. Exposure controls

Occupational exposure controls	General industrial hygiene practice. Wash hands before breaks and at the end of workday. Avoid contact with the skin and the eyes.
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Personal protection equipment

<i>Respiratory protection</i>	Do not breathe dust or spray mist. Effective dust mask.
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<i>Hand protection</i>	No special measures required.
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<i>Eye protection</i>	Avoid contact with eyes. In case of dust formation wear tight fitting goggles.
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<i>Skin and body protection</i>	No special measures required.
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Thermal hazards	No special measures required.
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Environmental exposure controls	No special measures required.
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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Powder. Grain.
Colour	Blue. Grey.
Odour	None.
Odour Threshold	No information available.
pH:	neutral
Melting point/range:	>825 °C
Boiling point/range:	No information available.
Flash point:	does not flash
Evaporation Rate:	No information available.
Flammability:	No information available.
Explosion limits:	No information available.
Vapour pressure:	No information available.
Vapor density:	No information available.
Relative density:	2.7 g/ml
Water solubility:	practically insoluble
Partition coefficient (n-octanol/water):	No information available.
Autoignition temperature:	No information available.
Decomposition temperature:	No information available.
Viscosity:	No information available.
Combustion/explosion hazards:	not hazardous
Oxidizing properties:	None

9.2. Other information

General Product Characteristics	No information available.
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10. Stability and reactivity

10.1. Reactivity	Reacts with acid with the evolution of CO ₂ .
10.2. Chemical stability	No decomposition if used as directed.
10.3. Possibility of hazardous reactions	No hazards to be specially mentioned.
10.4. Conditions to avoid	Not required.
10.5. Incompatible materials	Acids.
10.6. Hazardous decomposition products	None under normal use.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on the product itself. Carbonic acid, calcium salt (1:1) (CAS 471-34-1) Oral LD50 Rat = 6450 mg/kg (IUCLID)
Skin corrosion/irritation	None.
Serious eye damage/eye irritation	May irritate eyes.
Respiratory / Skin Sensitisation	None.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	This product has no known adverse effect on human health.

12. Ecological information

12.1. Toxicity	No data available.
12.2. Persistence and degradability	Can be eliminated from water by sedimentation.
12.3. Bioaccumulative potential	Does not bioaccumulate.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No information available.
12.6. Other adverse effects	No information available.

13. Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. EWC waste disposal No: 01 04 10.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

ADR/RID	Not required.
IMO	Not required.
ICAO	Not required.
Further Information	Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

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

Regulatory Information	In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP), the product does not need to be classified nor labelled.
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Carbonic acid, calcium salt (1:1) (CAS 471-34-1)

EU - REACH (1907/2006) - Article 15(1) - Substances Regarded as Being Registered - Plant Health Products	Present (only uses as repellent may be authorised)
EU - REACH (1907/2006) - List of Registered Substances	Present

15.2. Chemical safety assessment	A Chemical Safety Assessment is not required for this substance.
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16. Other information

Key or legend to abbreviations and acronyms

CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS/CLP)
PEL: Permissible Exposure Limit

Key literature references and sources for data

According to information supplied by the manufacturer.

Full text of phrases referred to under sections 2 and 3

None.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.