

SAFETY DATA SHEET

Nordkalk

DOLOMIT (SALA, GLANSHAMMAR, LARSBO), MYANIT, VIT MARMOR, KORNAD TRÄDGÅRDSKALK GH, MAGNUM 12 GRANUL, MAGNUM 12 BAS

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 12.06.2024

Revision date 05.09.2024

1.1. Product identifier

Product name DOLOMIT (SALA, GLANSHAMMAR, LARSBO), MYANIT, VIT MARMOR, KORNAD TRÄDGÅRDSKALK GH, MAGNUM 12 GRANUL, MAGNUM 12 BAS

REACH Reg. No., comments The substance has been exempted from the obligation to register in accordance with Article 2(7)(b) and Annex V of REACH regulation.

CAS No. 16389-88-1

EC No. 240-440-2

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

Use of the substance / mixture Chemical-Technical industry. Manufacture of inorganic basic chemicals, paints, varnishes, printing ink, dyes, rubber products, soap, detergents, cleaning and polishing mixtures and cements. Plastics manufacturing. building and construction work, desulfurization of industrial flue gas, fillers or pigments, industrial raw materials, building and construction mixtures not covered elsewhere, water treatment chemical, raw material for the glass and ceramics industry.

Main intended use PC-TEC-OTH Other products for chemical or technical processes

Industrial use Yes

Professional use	Yes
Consumer use	Yes

1.3. Details of the supplier of the safety data sheet

Company name	Björka Mineral AB
Postcode	SE-70597
City	Glanshammar
Country	Sweden
Telephone number	+46 (0)10 476 2610
Enterprise No.	SE 556039-283801

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: Emergency telephone number Open 24 hours a day. Telephone number: +46 (0)10 456 6700 Description: Poison Information Centre (in Sweden, in less acute cases). Open 24 hours a day.
Identification, comments	Please contact the Emergency Centre in your own country, e.g. 112 in European Union countries.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, notes	In accordance with CLP/GHS regulation (EC) No 1272/2008, the product has not been classified as hazardous.
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2.2. Label elements

Other label information (CLP)	No labeling. In accordance with current regulations, this product has not been classified as hazardous.
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2.3. Other hazards

PBT / vPvB	The substance does not meet the criteria for PBT or vPvB substance according to Regulation (EC) No 1907/2006, Annex XIII.
Other hazards	Endocrine disrupting properties: No endocrine disrupting properties known.

SECTION 3: Composition / information on ingredients

3.1. Substances

Substance	Identification	Classification	Contents	Notes
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Dolomite	CAS No.: 16389-88-1 EC No.: 240-440-2	CLP classification, notes: 85 - 100 % Not classified.
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Substance comments The full text for all hazard statements is displayed in point 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If the situation is unclear or symptoms persist, seek medical attention.
Inhalation	Move person to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist or are severe.
Skin contact	Remove contaminated clothing and shoes. Wash with plenty of soap and water.
Eye contact	Immediately flush eyes with plenty of water for several minutes, holding eyelids open. Protect the uninjured eye. If eye irritation or other symptoms persist, seek medical attention.
Ingestion	Rinse mouth with water and then drink plenty of water. Do not give milk or alcoholic beverages to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

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

Acute symptoms and effects	None known.
Delayed symptoms and effects	None known.

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

Other information	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Improper extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is not flammable.
Hazardous combustion products	Combustion of the product may form smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion.

5.3. Advice for firefighters

Personal protective equipment	Wear appropriate protective equipment and self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid generation and spreading of dust.
Personal protection measures	Wear appropriate personal protective equipment. Avoid breathing dust. Avoid contact with skin or eyes. For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautionary measures	No special measures required.
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6.3. Methods and material for containment and cleaning up

Clean up	Avoid generation and spreading of dust. Collect the product using a shovel or similar and place in sealable containers for recovery or disposal.
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6.4. Reference to other sections

Other instructions	Safe handling: see point 7. Personal protective equipment: see point 8. Waste disposal: see point 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes, and clothing.
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Protective safety measures

Preventive measures to prevent aerosol and dust generation	Prevent formation of dust.
Advice on general occupational hygiene	Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in a dry, well-ventilated area.
Conditions to avoid	For incompatible materials see point 10.5.

Conditions for safe storage

Requirements for storage rooms and vessels	Keep container tightly closed.
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7.3. Specific end use(s)

Specific use(s) The use stated in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Inorganic dust		Country of origin: Sweden Limit value (8 h) : 5 mg/m ³ Comments: Inhalable fraction Limit value (8 h) : 2,5 mg/m ³ Comments: Respirable fraction	

DNEL / PNEC

Substance	Dolomite
DNEL	Group: Professional Route of exposure: Long-term inhalation (systemic) Value: 10 mg/m ³ Group: Consumer Route of exposure: Long-term inhalation (systemic) Value: 10 mg/m ³

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure	Handle the product in closed systems or provide sufficient ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
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Eye / face protection

Suitable eye protection	Use tight-fitting safety goggles.
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Hand protection

Suitable gloves type	For prolonged or repeated skin contact use suitable protective gloves.
Hand protection, comments	Contact glove manufacturer for specific advice on glove selection.

Skin protection

Suitable protective clothing	Wear appropriate protective clothing.
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Respiratory protection

Respiratory protection necessary at	If it is not possible to reduce exposure levels to below exposure limit values by ventilation or if dust forms, use appropriate respirator.
Recommended type of equipment	Half mask with a particle filter Dust filter P2 (for fine dust). (EN 143)

Thermal hazards

Thermal hazards	Not relevant.
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Appropriate environmental exposure control

Environmental exposure controls	Prevent entry into sewers or the environment.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid. Powder. Crystalline. Sand. Gravel. Granular.
Colour	According to specifications.
Odour	Characteristic.
Odour limit	Comments: Not determined.
pH	Value: 8 - 10,6 Comments: Concentration: 10g/100ml Solvent: distilled water
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Comments: Not applicable. Decomposes below the melting point.
Flash point	Comments: Not applicable.
Flammability	Not flammable.
Explosion limit	Comments: Not applicable. Minimum ignition energy > 1000 mJ.
Vapour pressure	Value: < 0,1 hPa Temperature: 20 °C
Vapour density	Comments: Not determined.
Particle characteristics	Value: 2 - 8 mm Comments: LARSBODOLOMIT 2-8MM-LB LARSBODOLOMIT 8-11MM-LB Comments: MYANIT 0-10-GH: Specific surface: 3,5 m ² /g (ISO 9277) Particle size: D50 = 4 µm, D98 = 15 µm
Density	Value: 2,8 - 2,9 g/cm ³ Method: DIN-ISO 787/10 Temperature: 20 °C

Bulk density	Value: 1,7 g/cm ³ Comments: LARSBODOLOMIT 2-8MM-LB LARSBODOLOMIT 8-11MM-LB
	Value: 0,8 - 1,2 g/cm ³ Method: ISO 787-11 Comments: MYANIT 0-10-GH
Solubility	Medium: Water Value: 0,028 - 0,12 g/l Comments: 1.013 hPa Temperature: 20 °C
Partition coefficient: n-octanol/ water	Comments: Not determined.
Auto-ignition temperature	Comments: Not determined.
Decomposition temperature	Value: > 600 °C
Viscosity	Comments: Not applicable.

9.2. Other information

Other physical and chemical properties

Physical and chemical properties None reported.

9.2.2. Other safety characteristics

Comments None reported.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not reactive under normal use and storage conditions.

10.2. Chemical stability

Stability Chemically stable under normal storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions under normal use and storage conditions.

10.4. Conditions to avoid

Conditions to avoid None known.

10.5. Incompatible materials

Materials to avoid Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products	In a fire or if overheated, harmful compounds may be formed (carbon dioxide, carbon monoxide).
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SECTION 11: Toxicological information

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

Acute toxicity	Effect tested: LD50 Route of exposure: Oral Value: > 5000 mg/kg Species: Rat Comments: The product is not classified as acutely toxic. Based on available data, the classification criteria are not met.
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Other information regarding health hazards

Assessment of skin corrosion / irritation, classification	The product is not classified as irritant or corrosive to skin. Based on available data the classification criteria are not met.
Assessment of eye damage or irritation, classification	The product is not classified as damaging or irritating to eyes. Based on available data the classification criteria are not met.
Sensitisation	The product is not classified as a respiratory or skin sensitiser. Based on available data the classification criteria are not met.
Mutagenicity	The product is not classified as a mutagen. Data lacking.
Carcinogenicity, other information	The product is not classified as a carcinogen. Data lacking.
Reproductive toxicity	The product is not classified as toxic to reproduction. Data lacking.
Assessment of specific target organ toxicity - single exposure, classification	The product is not classified as toxic to specific target organs at a single exposure. Data lacking.
Assessment of specific target organ toxicity - repeated exposure, classification	The product is not classified as toxic to specific target organs at repeated exposure. Data lacking.
Assessment of aspiration hazard, classification	The product is not classified as an aspiration hazard. Based on available data, the classification criteria are not met.

Symptoms of exposure

In case of ingestion	Not known.
In case of skin contact	Not known.
In case of inhalation	Not known.
In case of eye contact	Not known.

11.2 Other information

Endocrine disruption	This product does not contain substances included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or
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Commission Regulation (EU) 2018/605 at a concentration ≥ 0.1 %.

Other information

No information.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

There is no environmental data available about the product as such. The product is not classified as hazardous to the environment. Avoid release to the environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation

Not relevant for inorganic substances.

12.3. Bioaccumulative potential

Bioaccumulation, evaluation

No data available.

12.4. Mobility in soil

Mobility

No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain substances considered to be either PBT or vPvB at a concentration ≥ 0.1 %.

12.6. Endocrine disrupting properties

Endocrine disrupting properties

This product does not contain substances included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration ≥ 0.1 %.

12.7. Other adverse effects

Additional ecological information

In solid form, these minerals form a large part of the rocks of the earth's surface. In dissolved form, they are a natural and necessary part of natural waters. These minerals are not easily biodegradable. Negative effects on the environment should therefore be out of the question. Concentrated solutions of minerals can still pose risks to aqueous organisms (disturbance of microflora and microfauna in the sediment and subsequent harmful impact on higher life forms).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical

Avoid release to the environment.

Appropriate methods of disposal for the contaminated packaging	After usage, empty the packing completely. Uncleaned empty containers are to be handled in the same way as the ones containing products. Dispose of empty containers to an approved waste disposal facility for recycling or disposal.
Other information	Dispose of in compliance with local and national regulations.

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

Comments The product is not classified for transportation.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

IMDG Marine pollutant No.

Comments The product is not classified as hazardous to the environment.

14.6. Special precautions for user

Special safety precautions for user No special safety precautions.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no) No

SECTION 15: Regulatory information

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

Legislation and regulations No specific regulations.

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

Training advice Read safety data sheet.

Key literature references and sources for data	SDS by product manufacturer Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS 2018:1).
Abbreviations and acronyms used	DNEL: Derived No-Effect Level LD50: Lethal dose 50 % (median lethal dose): dose which kills 50 % of exposed organisms PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No-Effect Concentration vPvB: very Persistent and very Bioaccumulative substance
Information added, deleted or revised	5.9.2024: Change to sections: 9.2.
Version	1
Prepared by	Sweco Finland Oy
Comments	The information of this safety data sheet is based on existing public information sources, such as current legislation, available at the time of publication of the completed safety data sheet, and information on the Customer's products that has been provided by the Customer to Sweco. The Customer is responsible that the information provided to Sweco is accurate and up to date.