

PRODUCT SAFETY DATA SHEET
According to Regulation EC 1907/2006

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Trade name:	Dolomitic quicklime			
Product code:	Revision date:	15.10.2018	Revision number:	1.1

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier	
Substance name:	Calcium magnesium oxide
EC number:	253-425-0
Synonyms:	Dolomitic lime, dolomitic quicklime, dolime, calcined dolomite, burnt dolomite
Catalogue number:	-
REACH registration number:	01-2119474202-47-0040
CAS number:	37247-91-9
Index number:	-
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Usage:	Industry of metal and steel, building materials industry, chemical industry, agriculture, environmental protection (waste water treatment, waste gas and sludge treatment), drinking water treatment, feed, food and pharmaceutical industry, paper and paint industry, glass industry, civil engineering
Uses advised against:	There are no uses advised against.
Reasons for uses advised against:	-
1.3. Details of the supplier of the product safety data sheet	
Name:	INTERCAL d.o.o.
Address:	Ruđera Boškovića 52, 43541 Sirač, Republic of Croatia
Phone number:	00-385-43 322 129
Fax number:	00-385-43 442 015
e-mail of responsible person:	kornelija.bogdan@intercal.hr
National contact:	-
1.4. Emergency telephone number	
Emergency telephone number:	112
Medical information telephone number:	01-23-48-342
Other data:	-

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture	
2.1.1. Classification according to Regulation (EC) 1272/2008 (CLP)	
Class of risk categories and codes:	
Hazard statement*:	
Class of risk	Category

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		code	
	Skin irritation	2	H315
	Serious eye damage	1	H318
	Respiratory irritation	3	H335

2.1.2.	Additional information		
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*Full text of H and EUH designations is given in Section 16.

2.2.	Label elements		
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	Identification of product:	Calcium magnesium oxide CaMgO ₂
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	Index number:	
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	Authorization number:	
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	Hazard pictograms:	
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	Signal word:	DANGER
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	Hazard statements:	H315: Causes skin irritation H318: Causes serious eye damage H335: May cause respiratory irritation
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	Precautionary statements:	<u>General:</u> P102: Keep out of reach of children. <u>Prevention:</u> P280: Wear protective gloves/protective clothing/eye protection/face protection. <u>Treatment:</u> P305+P351+P310: IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTRE or doctor/physician. P302+P352: IF ON SKIN: Wash with plenty of water. P310: Immediately call a poison center or doctor/physician. P261: Avoid breathing dust/spray. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. <u>Disposal:</u> P501: Dispose of contents/container in accordance with local/regional/national/international regulation.
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	Additional data of hazard:	-
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2.3.	Other hazards		
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	The substance does not meet the criteria for PBT or vPvB substance. No other hazards identified.		
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SECTION 3 COMPOSITION / INFORMATION ON IGRIDIENTS				
CAS number	EC number	Index number	Name	% mass or range
37247-91-9	253-425-0		Calcium magnesium oxide CaMgO ₂	> 90

SECTION 4 FIRST AID MEASURES		
4.1.	Description of first aid measures	
	General advice:	No known delayed effects. Consult a physician for all exposures except for minor instances.
	Following inhalation:	Move source of dust or move person to fresh air. Obtain medical attention immediately.
	Following skin contact:	Carefully and gently brush the contaminated body surfaces in order to remove all traces of product. Wash affected area immediately with plenty of water. Remove contaminated clothing. If necessary seek medical advice.
	Following eye contact:	Rinse eyes immediately with plenty of water and seek medical advice.
	After ingestion:	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Obtain medical attention.
	Personal protection of person who provides first aid:	See Section 8.
4.2.	Most important symptoms and effects, both acute and delayed	
	Following inhalation:	In case of dust - cough, shortness of breath and choking.
	Following skin contact:	Redness, burning or pain.
	Following eye contact:	Cause watery eyes, redness, pain, and possibly blurring or loss of sight.
	After ingestion:	Not likely, but if swallowed, it is expected stinging or pain, nausea and vomiting.
4.3.	Indication of any immediate medical attention and special treatment needed	
	Follow the advises given in section 4.1.	

SECTION 5 FIRE FIGHTING MEASURES		
5.1.	Extinguishing media	
	Suitable extinguishing media:	The product is not combustible; reduces spread of flame. Use a dry powder, foam or CO ₂ fire extinguisher to extinguish the surrounding fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
	Unsuitable extinguishing media:	Do not use water. Avoid humidification.
5.2.	Special hazards arising from the substance or mixture	

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Dangerous combustion products:	Do not exist.
5.3.	Advice for fire fighters
Avoid generation of dust. Use breathing apparatus. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Calcium magnesium oxide reacts exothermally with water. This could lead to some risks with flammable materials.	

SECTION 6 ACCIDENTAL RELEASE MEASURES	
6.1.	Personal precautions, protective equipment and emergency procedures
6.1.1.	For non-emergency personnel
	Protective equipment: Suitable protective equipment (see Section 8).
	Procedures to avoid accidents: Avoid contact with skin, eyes and clothes. Avoid inhalation and digestion. Ensure adequate ventilation or usage of adequate protective equipment for respiratory system. Avoid humidification.
	Emergency procedures: In case of significant release, evacuate the area.
6.1.2.	For emergency responders:
	As described in Section 6.1.1.
6.2.	Environmental precautions:
Contain the spillage. Keep the material dry if possible. Cover area, if possible, to avoid unnecessary dust hazard. Avoid uncontrolled spills to watercourses and drains (pH increase). Any large spillage into watercourses must be alerted to the Environment Agency or other regulatory body. Store in tight containers. All ventilation systems must be filtered before being discharged into the atmosphere.	
6.3.	Methods and material for containment and cleaning up
6.3.1.	For fencing, covering and clogging: Keep the material dry, if possible.
6.3.2.	For cleaning up: Use vacuum suction unit or shovel to collect in tight containers.
6.3.3.	Other data: No data.
6.4.	Reference to other sections
For additional information check Section 8 and 13.	

SECTION 7 HANDLING AND STORAGE	
7.1.	Precautions for safe handling
7.1.1.	Protective measures
	Measures to avoid fire: No special measures.
	Measures to avoid aerosol and dust formation: Keep dust levels to a minimum. Minimize dust generation. Enclose dust sources, use exhaust ventilation (dust collector at handling points).

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	Measures to protect environment:	As in Section 6.2.
	Other measures:	-
7.1.2.	Advice on general occupational hygiene	
	Avoid inhalation or ingestion and contact with skin and eyes. General occupational hygiene measures are required to ensure safe handling of the substance. These measures involve good personal and housekeeping practices (i.e. regular cleaning with suitable cleaning devices), no drinking, eating and smoking at the workplace. If there is a significant daily exposure, shower and change clothes at end of work shift. Do not wear contaminated clothing at home.	
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures and storage conditions:	The substance should be stored under dry conditions. Any contact with air and moisture should be avoided. Bulk storage should be in purpose – designed silos.
	Container material:	Use containers made from inert material. Do not use aluminum for transport or storage if there is a risk of contact with water.
	Conditions for storage and containers:	Provide protection from moisture. Keep away from acids, significant quantities of paper, straw, and nitro compounds.
	Advices for warehouse:	-
	Other information about storage conditions:	Keep out of reach of children.
7.3.	Specific end use(s)	
	Recommendations:	-
	Special solutions for industrial sector:	-

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION				
8.1.	Control parameters			
Substance	CAS number	Limit exposure values		Biological limit values
		ppm	mg/m3	
Calcium magnesium oxide	37247-91-9	No data	1/4	-
Substance:	Calcium magnesium oxide			
EC number:	253-425-0	CAS number:	37247-91-9	
DNEL				
Industrial				
Means of exposure:	Acute local effects	Acute system effects	Chronic local effects	Chronic system effects
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data

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Key physical parameters: solubility, flammability, corrosivity:

User				
Means of exposure:	Acute local effects	Acute system effects	Chronic local effects	Chronic system effects
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data



PNEC	
Protected objective in environment	PNEC
Fresh water	0,320 mg/L
Freshwater sediments	No data
See water	No data
See water sediments	No data
Food chain	No data
Microorganisms in wastewater treatment	No data
Soil (agricultural)	712 mg/L
Air	No data

8.2.	Exposure controls	
8.2.1.	Appropriate engineering controls	
	Measures to prevent exposure during recommended use:	If user operations generate dust, use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne dust levels below recommended exposure limits.
	Structural measures to prevent exposure:	-
	Organizational measures to prevent exposure:	-
	Technical measures to prevent exposure:	If user operations generate dust, use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne dust levels below recommended exposure limits.
8.2.2.	Individual protection measures, such as personal protective equipment	
8.2.2.1.	Eye/face protection : 	Do not wear contact lenses. For powders, tight fitting goggles with side shields, or wide vision full goggles. It is also advisable to have individual pocket eyewash.
8.2.2.2.	Skin protection	IF necessary, use protective cream.
	Hand protection: 	Protective gloves (nitrile).
	Body protection:	Protective standard working clothes fully covering skin, full length trousers, long sleeved overalls, with close fittings at

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		openings and shoes resistant to caustics and avoiding dust penetration are required to be worn.
8.2.2.3.	Respiratory protection: 	Local ventilation to keep levels below established threshold values is recommended. A suitable particle filter mask is recommended, depending on the expected exposure levels.
8.2.2.4.	Thermal hazards:	The substance does not represent a thermal hazard, thus special consideration is not required.
8.2.3.	Environmental exposure controls	
	Measures to prevent the exposure of the substance / mixture:	Avoid releasing to the environment.
	Structural measures to prevent exposure:	-
	Organizational measures to prevent exposure:	Any large spillage must be alerted to the regulatory authority responsible for environmental protection or other regulatory body.
	Technical measures to prevent exposure:	All ventilation systems should be filtered before discharge to atmosphere.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1.	Information on basic physical and chemical properties		
		Value	Method
	Appearance:	Solid (lump, powder)	-
	Colour:	White	-
	Odour :	Odourless	-
	Odour threshold:	Not applicable	-
	pH:	12.4 (saturated solution at 20 °C)	
	Melting/ freezing point:	> 450°C	EU A.1.
	Boiling point and boiling range:	Not applicable (solid with a melting point > 450°C)	-
	Flash point:	Not applicable (solid with a melting point > 450°C)	-
	Evaporation rate:	Not applicable (solid with a melting point > 450°C)	-
	Flammability (solid, gas):	Non flammable	EU.A.10
	Explosive limits:	Non explosive	-
	Vapour pressure:	Not applicable	-

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		(solid with a melting point > 450°C)	
Vapour density:		Not applicable	-
Relative density:		3.41 at (20.5 ± 0.5) °C	EU A.3
Bulk density:		Depends on size of material	EN 459-2
Solubility:		1385,2 mg/L	EU A.6.
Partition coefficient octanol/water (log Pow):		Not applicable (inorganic substance)	-
Auto ignition temperature:		No relative self-ignition temperature below 400 °C	EU.A.16
Decomposition temperature:		Not applicable	-
Viscosity:		Not applicable (solid with a melting point > 450 °C)	-
Explosiveness:		Not explosive	EU.A.14
Oxidising properties :		No oxidising properties (Based on the chemical structure, the substance does not contain a surplus of oxygen or any structural groups known to be correlated with a tendency to react exothermally with combustible material)	EU.A.17
9.2.	Other information		
	-		

SECTION 10 STABILITY AND REACTIVITY			
10.1.	Reactivity:	Substance reacts exothermally with water resulting in formation of calcium hydroxide.	
10.2.	Chemical stability:	Under normal conditions of use and storage (absence of moisture), calcium magnesium oxide is stable.	
10.3.	Possibility of hazardous reactions:	Calcium magnesium oxide reacts exothermally with acids.	
10.4.	Conditions to avoid:	Minimise exposure to air and moisture to avoid degradation.	

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10.5.	Incompatible materials:	<p>Calcium magnesium oxide reacts exothermally with water, resulting in formation of calcium hydroxide: $\text{CaO} \times \text{MgO} + \text{H}_2\text{O} \rightarrow \text{Ca}(\text{OH})_2 + \text{MgO} + 1155 \text{ kJ/kg CaO}$ Calcium magnesium oxide reacts exothermically with acids to form calcium and magnesium salts. Calcium magnesium oxide reacts with aluminium and brass, in the presence of moisture, under formation (or release) of hydrogen gas: $\text{Ca}(\text{OH})_2 \times \text{MgO} + 2 \text{ Al} + 6 \text{ H}_2\text{O} \rightarrow \text{MgO} + \text{Ca} (\text{Al}(\text{OH})_4)_2 + 3 \text{ H}_2$</p>
10.6.	Hazardous decomposition products:	<p>None. Substance reacts with carbon dioxide to form calcium magnesium carbonate (dolomite), which is a common material in nature.</p>

SECTION 11 TOXICOLOGICAL INFORMATION					
11.1. Information on toxicological effects					
Acute toxicity:					
Input	Method	Organism	Dosage LD ₅₀ /LC ₅₀	Exposure	Result
Digestion:	OECD 425	rat	> 2000 mg/kg		Not acutely toxic
Dermal:	-	-	-	-	No data
Inhalation:	-	-	-	-	No data
Toxicity to target organ - single exposure (TCOJ):					
	Specific effects		Exposed organ	Note	
Digestion:	-		-	No data	
Dermal:	-		-	No data	
Inhalation:	Irritation.		Respiratory system	As summarised and evaluated in the SCOEL recommendation (Anonymous, 2008), based on human data calcium magnesium oxide is classified as irritating to the respiratory system by read-across from CaO and Ca(OH) ₂ .	
Aspiration hazard:					

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No data						
Irritation and corrosion						
	Exposure	Organism	Evaluation	Method	Note	
Corrosion / irritation of skin:		rabbit	Irritation	OECD 404	Tested on Ca(OH) ₂ , results are applicable to CaMgO ₂	
Severe damage / irritation of eyes:		rabbit	Serious eye damage	OECD 405	Tested on CaO, results are applicable to CaMgO ₂	
Sensitization						
Skin contact:	No data					
Inhalation:	No data					
Symptoms related to physical, chemical and toxicological characteristics						
Digestion:	No data					
Skin contact:	No data					
Inhalation:	No data					
Eye contact:	No data					
Toxicity on repeated exposure (sub-acute, sub-chronic, chronic)						
	Dosage	Exposure	Organism	Method	Evaluation	Note
Sub-acute oral	-	-	-	-	-	No data
Sub-acute dermal	-	-	-	-	-	No data
Sub-acute inhalation	-	-	-	-	-	No data
Sub-chronic oral	-	-	-	-	-	No data
Sub-chronic dermal	-	-	-	-	-	No data
Sub-chronic inhalation	-	-	-	-	-	No data
Chronic oral	-	-	-	-	-	No data
Chronic dermal	-	-	-	-	-	No data
Chronic	-	-	-	-	-	No data

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inhalation			
Toxicity on target organ - repeated exposure (TCOP):			
	Specific effects	Exposed organ	Note
Sub-acute oral	-	-	No data
Sub-acute dermal	-	-	No data
Sub-acute inhalation	-	-	No data
Sub-chronic oral	-	-	No data
Sub-chronic dermal	-	-	No data
Sub-chronic inhalation	-	-	No data
Chronic oral	-	-	No data
Chronic dermal	-	-	No data
Chronic inhalation	-	-	No data
CMR effects (carcinogenicity, mutagenicity, reproductive toxicity)			
Carcinogenicity:	Both calcium (administered as Ca-lactate) and magnesium (administered as Mg-chloride) are not carcinogenic (experimental results, rat/mouse). Human epidemiological data support lack of any carcinogenic potential of calcium magnesium (di)hydroxide oxide.		
Mutagenicity <i>in-vitro</i> :	There is no indication for mutagenic effects of Ca(OH) ₂ or other calcium or magnesium salts in <i>in vitro</i> studies (gene mutation in bacteria).		
Genotoxicity:	There is no indication for genotoxic effects of Ca(OH) ₂ or other calcium or magnesium salts in <i>in vitro</i> studies (gene mutation in bacteria).		
Mutagenicity <i>in-vivo</i> :	No data		
Mutagenic effects on gametes:	No data		
Reproductive toxicity:	Both calcium (administered as Ca-carbonate) and magnesium (administered as Mg-sulphate) are not toxic to reproduction (experimental results, mouse/rat). Human epidemiological data support lack of any potential for reproductive toxicity of calcium magnesium (di)hydroxide oxide.		
Overall evaluation of properties:	of	CMR	No data

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11.2. Practical experience:	
Observations relevant for classification:	No data
Other observations:	No data
11.3. General information:	
No data	

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

Acute toxicity	Dosage	Exposure	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	Freshwater fish		50.6 mg/L Ca(OH) ₂	
			Marine water fish		457 mg/L Ca(OH) ₂	
Crabs	EC ₅₀	48 hours	Freshwater invertebrates		49.1 mg/L Ca(OH) ₂	
Algae/water plants	IC ₅₀	72 hours	-	-	-	No data
	EC ₅₀	72 hours	Freshwater algae		184.57 mg/L Ca(OH) ₂	
	NO _{EC}	72 hours	Freshwater algae		48 mg/L Ca(OH) ₂	
Other organism	-	-	-	-	-	No data
Chronic toxicity	Dosage	Exposure	Organism	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-		-	No data
Crabs (Daphnia)	EC ₅₀	48 hours	-		-	No data
Algae/water plants	IC ₅₀	72 hours	-		-	No data
Other organism	-	-	-		-	No data

12.2. Persistence and degradability

Abiotic degradability						
	Semi-degradability time		Method		Evaluation	Note
Marine water	-		-		-	Not relevant for inorganic substance
Fresh water	-		-		-	Not relevant for inorganic substance

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Air	-	-	-	Not relevant for inorganic substance
Soil	-	-	-	Not relevant for inorganic substance

Biorazgradnja				
% degradability	Time (days)	Method	Evaluation	Note
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

12.3. Bioaccumulative potential

Partition coefficient octanol/water (log Pow):						
Value	Concentration	pH	°C	Method	Evaluation	Note
-	-	-	-	-	-	Not relevant for inorganic substance
-	-	-	-	-	-	Not relevant for inorganic substance
-	-	-	-	-	-	Not relevant for inorganic substance

Bio-concentration factor (BCF)

Value	Organism	Method	Evaluation	Note
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Chronic eco-toxicity

Value	Dosage	Value	Dosage	Value	Dosage	Value
Chronic toxicity on fish	LC ₅₀	-	-	-	-	No data
Chronic toxicity on crabs (Daphnia)	EC ₅₀	-	-	-	-	No data

12.4. Mobility in soil

Known or assumed distribution in environment:						
Calcium magnesium oxide reacts with water and/or carbon dioxide to form respectively calcium dihydroxide and/or calcium carbonate, which are sparingly soluble, and present a low mobility in most soils.						
Surface tension:						
Value	°C	Concentration	Method	Note		

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-	-	-	-	No data
-	-	-	-	No data
-	-	-	-	No data

Adsorption/desorption					
Transport	A/D coefficient Henry const.	log Pow	Volatility	Method	Note
Soil-water	-	-	-	-	No data
Water-air	-	-	-	-	No data
Soil-air	-	-	-	-	No data

12.5.	Results of PBT and vPvB assessment
	Not relevant for inorganic substance.
12.6.	Other adverse effects
	No other adverse effects are identified.

SECTION 13 WASTE DISPOSAL

13.1.	Waste treatment methods
	Disposal of calcium magnesium oxide should be in accordance with local and national legislation, as well as of EU. User is responsible for knowing of all relevant legislation.
13.1.1.	Disposal of product/package:
	Do not dispose with household waste! Return to entity which put the product into market. Submit to the authorized entity authorized for managing for hazardous waste.
13.1.2.	Waste key number:
	10 13 04 - Waste from calcination and lime hydration.
13.1.3.	Methods of waste processing:
	R5 - Recycling / reclamation of other inorganic waste materials.
13.1.4.	Possibility of spillage into drains:
	Prevent spills into drains large amounts of this substance.
13.1.5.	Other recommendations for disposal:
	-
13.1.6.	Relevant regulation:
	Act on sustainable waste management

SECTION 14 TRANSPORT INFORMATION

	Road transport (ADR)
14.1.	UN number: Not regulated.

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14.2.	UN proper shipping name:	Not regulated.
14.3.	Transportation grade (s) of danger:	Not regulated.
14.4.	Packing group:	Not regulated.
14.5.	Danger to the environment:	Not regulated.
14.6.	Special precautions for user:	Not regulated.
Railway transport (RID)		
14.1.	UN number:	Not regulated.
14.2.	UN proper shipping name:	Not regulated.
14.3.	Transportation grade (s) of danger:	Not regulated.
14.4.	Packing group:	Not regulated.
14.5.	Danger to the environment:	Not regulated.
14.6.	Special precautions for user:	Not regulated.
Inland waterways transport (ADN)		
14.1.	UN number:	Not regulated.
14.2.	UN proper shipping name:	Not regulated.
14.3.	Transportation grade (s) of danger:	Not regulated.
14.4.	Packing group:	Not regulated.
14.5.	Danger to the environment:	Not regulated.
14.6.	Special precautions for user:	Not regulated.
Sea transport (IMDG)		
14.1.	UN number:	Not regulated.
14.2.	UN proper shipping name:	Not regulated.
14.3.	Transportation grade (s) of danger:	Not regulated.
14.4.	Packing group:	Not regulated.
14.5.	Danger to the environment:	Not regulated.
14.6.	Special precautions for user:	Not regulated.
14.7.	Transport in bulk according to Annex II. MARPOL 73/78 and the IBC Code:	
Air transport (ICAO-TI/IATA-DGR)		
14.1.	UN number:	1910
14.2.	UN proper shipping name:	Calcium oxide; Chemical name: calcium magnesium oxide
14.3.	Transportation grade (s) of danger:	Class 8, group of packing: 3
14.4.	Packing group:	Not regulated.
14.5.	Danger to the environment:	Not regulated.
14.6.	Special precautions for user:	Not regulated.

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Additional information:	Avoid dusting during transport. Use sealed containers for powder material and covered trucks for lump material.
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SECTION 15 REGULATORY INFORMATION	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
	EU Directives
	Authorisation and/or restrictions on use
	Authorisation: Not required
	Restrictions on use: None
	Other EU regulations: Calcium magnesium oxide is not a SEVESO substance, not an ozone depleting substance and not a persistent organic pollutant.
	Data (Directive 1999/13/EC) about limitation of volatile organic compounds (VOCs) emissions:
	National regulations: Chemicals Law and subordinate legislation on classification, labelling and packaging of hazardous chemicals. Act on sustainable waste management and subordinate legislation. Regulation on limit exposure values for hazardous substances at work and on biological limit values.
15.2.	Chemical safety assessment
	Chemical safety assessment has been carried out for this substance.

SECTION 16 OTHER INFORMATION	
16.1.	Changes: Replaces SDS released on 6.5.2013 (HZT class:050-03-01/13-2402). This safety data sheet is in accordance with EC Regulation 1097/2006.
16.2.	Abbreviations: CAS number – Chemical Abstract Service number (number from an international list of detected chemicals, which uniquely identifies the substance) DNEL – Derived Non-Effect Level EC number – European Commission number (made of seven digits which designates chemical substance commercially available in the European Union) EC ₅₀ – median effective concentration GVI - limit value of exposure IC ₅₀ - concentration that causes inhibition of the tested parameters or parameter of 50% KGVI – short-term exposure limit LC ₅₀ – median lethal concentration LD ₅₀ – median lethal dose NO _{EC} – no observable effect concentration PBT – persistent, bioaccumulative, toxic chemical

PRODUCT SAFETY DATA SHEET
According to Regulation EC 1907/2006

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Trade name:	Dolomitic quicklime			
Product code:	Revision date:	15.10.2018	Revision number:	1.1

		PNEC – Predicted Non-Effect Concentration vPvB – very persistent, very bioaccumulative chemical
16.3.	Key literature references:	ESIS, ICSC, UNEP, IUCLID, IPCS INCHEM, OECD, IUPAC
16.4.	Relevant H statements (number and full text)	
	H:	315: Causes skin irritation 318: Causes serious eye damage 335: May cause respiratory irritation
16.5.	Advices for training:	-
16.6.	Further information:	-

INCLOSURE:
EXPOSURE SCENARIOS ACCORDING TO CHEMICAL SAFETY REPORT