

**PRODUCT SAFETY DATA SHEET**  
**According to Regulation EC 1907/2006**

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Trade name:	Semi-hydrated dolomitic lime		
Product code:	Revision date:	Revision number:	2.1

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

<b>1.1. Product identifier</b>	
Substance name:	Calcium magnesium (di)hydroxide oxide
EC number:	261-235-4
Synonyms:	Semi-hydrated dolomitic lime, half-slaked dolime, hydrated dolime, slaked dolime, air lime - slaked dolime, building dolomitic lime
Catalogue number:	-
REACH registration number:	01-2119474879-14-0010
CAS number:	58398-71-3
Index number:	-
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>	
Usage:	Building materials industry, chemical industry, agriculture, environmental protection (flue gas treatment, waste water treatment, sludge treatment), drinking water treatment, feed, food and pharmaceutical industry, civil engineering, paper and paint industry
Uses advised against:	There are no uses advised against.
Reasons for uses advised against:	-
<b>1.3. Details of the supplier of the product safety data sheet</b>	
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:	-
<b>1.4. Emergency telephone number</b>	
Emergency telephone number:	112
Medical information telephone number:	01-23-48-342
Other data:	-

**SECTION 2 HAZARDS IDENTIFICATION**

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

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

2.1.2. Additional information

\*Full text of H and EUH designations is given in Section 16.

**2.2. Label elements**

Identification of product: Calcium magnesium (di)hydroxide oxide  $\text{CaH}_2\text{MgO}_3$

Index number:

Authorization number:

Hazard pictograms: 

Signal word: DANGER

Hazard statements:  
H315: Causes skin irritation  
H318: Causes serious eye damage  
H335: May cause respiratory irritation

Precautionary statements:

General:  
P102: Keep out of reach of children.

Prevention:  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Treatment:  
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.

Disposal:  
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Additional data of hazard: -

**2.3. Other hazards**

The substance does not meet the criteria for PBT or vPvB substance.  
No other hazards identified.

**SECTION 3 COMPOSITION / INFORMATION ON IGRIDIENTS**

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CAS number	EC number	Index number	Name	% mass or range
58398-71-3	261-235-4		Calcium magnesium (di)hydroxide oxide CaH <sub>2</sub> MgO <sub>3</sub>	> 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 <sub>2</sub> 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	
	Dangerous combustion products:	Do not exist.

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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.

**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:	Ensure adequate ventilation. Concentration of dust should be kept on minimum. Avoid contact with skin, eyes and clothes. Avoid inhalation and digestion.
	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.	
6.3.	Methods and material for containment and cleaning up	
6.3.1.	For fencing, covering and clogging:	Avoid generation of dust. 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).
	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	

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	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.		
<b>7.2.</b>	<b>Conditions for safe storage, including any incompatibilities</b>		
	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.	
<b>7.3.</b>	<b>Specific end use(s)</b>		
	Recommendations:	-	
	Special solutions for industrial sector:	-	

<b>SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION</b>					
<b>8.1.</b>	<b>Control parameters</b>				
	Substance	CAS number	Limit exposure values		Biological limit values ppm
			ppm	mg/m3	
	Calcium magnesium (di)hydroxide oxide	58398-71-3	No data	1/4	No data
	Substance: Calcium magnesium (di)hydroxide oxide				
	EC number: 261-235-4	CAS number: 58398-71-3			
<b>DNEL</b>					
<b>Industrial</b>					
<b>Means of exposure:</b>	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	
Key physical parameters: solubility, flammability, corrosivity:					
<b>User</b>					
<b>Means of exposure:</b>	Acute local effects	Acute system effects	Chronic local effects	Chronic system effects	




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Oral	No data	No data	No data	No data
Inhalation	4 mg /m <sup>3</sup> (dust)	No data	1 mg /m <sup>3</sup> (dust)	No data
Dermal	Hazard identified but no DNEL available	No data	No data	No data


<b>PNEC</b>	
Protected objective in environment	<b>PNEC</b>
Fresh water	0,49 mg/L
Freshwater sediments	No data
Sea water	0,32 mg/L
Sea water sediments	No data
Food chain	No hazard identified
Microorganisms in wastewater treatment	3 mg/L
Soil (agricultural)	1080 mg/kg soil dw
Air	No hazard identified

8.2.	<b>Exposure controls</b>	
8.2.1.	<b>Appropriate engineering controls</b>	
	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.	<b>Individual protection measures, such as personal protective equipment</b>	
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	Use protective clothes and shoes that fully covers body.
	Hand protection: 	Protective gloves (nitrile).
	Body protection: 	Protective standard working clothes fully covering skin, full length trousers, long sleeved overalls, with close fittings at openings and shoes resistant to caustics and avoiding dust penetration are required to be worn.

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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 (powder)	-
	Colour:	White	-
	Odour :	Odourless	-
	Odour threshold:	Not applicable	-
	pH:	11.7 (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 (solid with a melting point > 450°C)	-
	Vapour density:	Not applicable	-

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Relative density:	2.59 at (20.5 ± 0.5) °C	EU A.3
Bulk density:	> 300 g/dm <sup>3</sup>	EN 459-2
Solubility:	1851,42 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:	When heated above 580 °C, the substance decomposes to produce calcium oxide (CaO), magnesium oxide (mgO) and water (H <sub>2</sub> O).	-
Viscosity:	Not applicable (solid with a melting point > 450 °C)	-
Explosiveness:	Not explosive	-
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)	-

9.2.	Other information
	-

<b>SECTION 10 STABILITY AND REACTIVITY</b>	
10.1.	<b>Reactivity:</b> In aqueous media calcium magnesium (di)hydroxide oxide dissociates resulting in the formation of calcium cations, magnesium cations and hydroxyl anions (when below the limit of water solubility).



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10.2.	Chemical stability:	Under normal conditions of use and storage, calcium magnesium (di)hydroxide oxide is stable.
10.3.	Possibility of hazardous reactions:	Calcium magnesium (di)hydroxide oxide reacts exothermically with acids. When heated above 580 °C, calcium magnesium (di)hydroxide oxide decomposes to produce calcium oxide (CaO), magnesium oxide (MgO) and water (H <sub>2</sub> O). Calcium oxide reacts with water and generates heat. This may cause risk to flammable material.
10.4.	Conditions to avoid:	Minimise exposure to air and moisture to avoid degradation.
10.5.	Incompatible materials:	Calcium magnesium (di)hydroxide oxide reacts exothermically with acids to form calcium and magnesium salts. Calcium magnesium (di)hydroxide oxide reacts with aluminium and brass in the presence of moisture under formation (or release) of hydrogen gas: $\text{Ca(OH)}_2 \times \text{MgO} + 2 \text{Al} + 6 \text{H}_2\text{O} \rightarrow \text{MgO} + \text{Ca (Al(OH)}_4)_2 + 3 \text{H}_2$
10.6.	Hazardous decomposition products:	None. Further information: Calcium dihydroxide reacts with carbon dioxide to form calcium carbonate, which is a common material in nature.

SECTION 11 TOXICOLOGICAL INFORMATION					
11.1. Information on toxicological effects					
Acute toxicity:					
Input	Method	Organism	Dosage LD <sub>50</sub> /LC <sub>50</sub>	Exposure	Result
Digestion:	OECD 425 (tested on CaO×MgO and CaMg(OH) <sub>4</sub> , results are applicable to CaH <sub>2</sub> MgO <sub>3</sub> )	rat	> 2000 mg/kg		
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	

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					SCOEL recommendation (Anonymous, 2008), based on human data calcium magnesium (di)hydroxide oxide is classified as irritating to the respiratory system by read-across from CaO and Ca(OH) <sub>2</sub> [R37, Irritating to respiratory system; STOT SE 3 (H335 – May cause respiratory irritation)].
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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) <sub>2</sub> , results are applicable to CaH <sub>2</sub> MgO <sub>3</sub>
Severe damage / irritation of eyes:		rabbit	Serious eye damage	OECD 405	Tested on CaO and Ca(OH) <sub>2</sub> , results are applicable to CaH <sub>2</sub> MgO <sub>3</sub>

**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

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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 inhalation	-	-	-	-	-	No data

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)
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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) <sub>2</sub> 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) <sub>2</sub> 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
<b>11.2. Practical experience:</b>			
	Observations relevant for classification:	No data	
	Other observations:	No data	
<b>11.3. General information:</b>			
	No data		

<b>SECTION 12 ECOLOGICAL INFORMATION</b>						
<b>12.1. Toxicity</b>						
Acute toxicity	Dosage	Exposure	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	Freshwater fish		50.6 mg/L Ca(OH) <sub>2</sub>	
			Marine water fish		457 mg/L Ca(OH) <sub>2</sub>	
Crabs	EC <sub>50</sub>	48 hours	Freshwater invertebrates		49.1 mg/L Ca(OH) <sub>2</sub>	
Algae/water plants	IC <sub>50</sub>	72 hours	-	-	-	No data
	EC <sub>50</sub>	72 hours	Freshwater		184.57 mg/L	

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			algae		Ca(OH) <sub>2</sub>	
	NO <sub>EC</sub>	72 hours	Freshwater algae		48 mg/L Ca(OH) <sub>2</sub>	
Other organism	-	-	-	-	-	No data
Chronic toxicity	Dosage	Exposure	Organism	Method	Evaluation	Note
Fish	LC <sub>50</sub>	96 hours	-		-	No data
Crabs (Daphnia)	EC <sub>50</sub>	48 hours	-		-	No data
Algae/water plants	IC <sub>50</sub>	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
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)**

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

Chronic eco-toxicity							
Value	Dosage	Value	Dosage	Value	Dosage	Value	
Chronic toxicity on fish	LC <sub>50</sub>	-	-	-	-	-	No data
Chronic toxicity on crabs (Daphnia)	EC <sub>50</sub>	-	-	-	-	-	No data

12.4. Mobility in soil							
Known or assumed distribution in environment:							
Calcium magnesium (di)hydroxide 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			
-	-	-	-	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 (di)hydroxide oxide should be in accordance with local and national legislation, as well as of EU. User is responsible for knowing of all relevant legislation.	

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<b>13.1.1.</b>	<b>Disposal of product/package:</b>
	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.
<b>13.1.2.</b>	<b>Waste key number:</b>
	10 13 04 - Waste from calcination and lime hydration.
<b>13.1.3.</b>	<b>Methods of waste processing:</b>
	R5 - Recycling / reclamation of other inorganic waste materials.
<b>13.1.4.</b>	<b>Possibility of spillage into drains:</b>
	Prevent spills into drains large amounts of this substance.
<b>13.1.5.</b>	<b>Other recommendations for disposal:</b>
	-
<b>13.1.6.</b>	<b>Relevant regulation:</b>
	Act on sustainable waste management

<b>SECTION 14 TRANSPORT INFORMATION</b>	
	Road transport (ADR)
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.
	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)

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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:	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.
Additional information:		

**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:	<b>Chemicals Law</b> and subordinate legislation on classification, labelling and packaging of hazardous chemicals. <b>Act on sustainable waste management</b> 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 30.10.2014. (HZT class:050-03-01/14-
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		6206). This safety data sheet is in accordance with EC Regulation 1097/2006.
16.2.	Abbreviations:	<p>CAS number – Chemical Abstract Service number (number from an international list of detected chemicals, which uniquely identifies the substance)</p> <p>DNEL – Derived Non-Effect Level</p> <p>EC number – European Commission number (made of seven digits which designates chemical substance commercially available in the European Union)</p> <p>EC<sub>50</sub> – median effective concentration</p> <p>GVI - limit value of exposure</p> <p>IC<sub>50</sub> - concentration that causes inhibition of the tested parameters or parameter of 50%</p> <p>KGVI – short-term exposure limit</p> <p>LC<sub>50</sub> – median lethal concentration</p> <p>LD<sub>50</sub> – median lethal dose</p> <p>NO<sub>EC</sub> – no observable effect concentration</p> <p>PBT – persistent, bioaccumulative, toxic chemical</p> <p>PNEC – Predicted Non-Effect Concentration</p> <p>vPvB – very persistent, very bioaccumulative chemical</p>
16.3.	Key literature references:	ESIS, ICSC, UNEP, IUCLID, IPCS INCHEM, OECD, IUPAC
16.4.	Relevant H statements (number and full text)	
	H:	<p>315: Causes skin irritation</p> <p>318: Causes serious eye damage</p> <p>335: May cause respiratory irritation</p>
16.5.	Advices for training:	-
16.6.	Further information:	-

<p><b>INCLOSURE:</b>  <b>EXPOSURE SCENARIOS ACCORDING TO CHEMICAL SAFETY REPORT</b></p>
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