

Logo : **C E M R O M**

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CARD OF SAFETY DATA

According to the Regulation (European Commission) number 1907/ 2006 modified by the Regulation (European Union) number 453/2010 and the Regulation (European Union) number 830/ 2015.

FILLER OF DOLOMITE

Date: 20.07.2016

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Chapter 1: The identification of the substance/ mixture and of the company / enterprise	
1.1.	Elements for the identification of the product Name of substance: Dolomite (double carbonate of Calcium and Magnesium – $\text{CaMg}(\text{CO}_3)_2$ Commercial name: FILLER OF DOLOMITE The filler of dolomite is a material having the form of a fine, white powder. The filler of dolomite is exonerated from the REACH registration according to the article 2, paragraph 7 (b) and to the annex V, paragraph 7. CAS: 16389-88-1 EINECS: 240 -440 -2
1.2.	Relevant identified utilizations of the substances or of the mixture and contraindicated utilizations The filler of dolomite is used as fertilizer in agriculture and as food for animals. It is also used in ceramic industry, chemical industry, paints and materials of constructions.
1.3.	Details concerning the supplier of the card of safety data: SC CEMROM SA, “Industrială” Street, Corbu, Constanta County. Phone/Fax: 0040 372189271/ 0040 372189270 ; e-mail: office@cemrom.ro
1.4.	Number of phone which may be appealed in case of emergency Emergency phone: 112 Manufacturer phone: 0040 372180271 (from Monday to Friday, 08:00 – 16:00) The Office for the International Sanitary Regulation and Toxic Information -0040 21 3183606 (from Monday to Friday, 08:00 – 15:00)
Chapter 2: The identification of the hazards	
2.1.	The classification of the substance or of the mixture The substance is not classified as being hazardous according to the European Union legislation.
2.2.	Elements for the label The filler of dolomite is not considered to be a dangerous substance according to the Regulation (European Commission) number 1272 /2008.
2.3.	Other hazards No other hazards were identified.



Chapter 3: Composition/ information concerning the components	
3.1.	Substances CaMg (CO ₃) ₂ and other components of geodesic origin are present in small quantities which vary depending on the source, for example: SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ .
3.2.	Mixtures Not applicable (N/A)
Chapter 4: First aid measures	
4.1.	Description of the first aid measures It is not necessary an individual equipment of protection for those granting the first aid. In case of contact with the eyes In case of contact with the eyes, wash immediately with plenty of water for 15-20 minutes, keeping the eyelids closed. Take off the contact lentils , if applicable. Continue to rinse. Contact a specialist in labour medicine or an ophthalmologist. In case of contact with the skin Wash the skin with plenty of water. Take off the contaminated clothes and the footwear and clean them before using them again. In case of inhalation Take the person to fresh air. The dust from the throat and from the nose passages must be cleaned as soon as possible. Contact a physician in case the irritation still persists. In case of ingestion Do not provoke the vomiting. Wash the mouse with water and drink plenty of water. If applicable, ask for the medical aid.
4.2.	The most important symptoms and effects, both acute ones and the delayed ones.

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	The contact of the eyes with the filler of the dolomite can lead to serious lesions.
4.3.	Indications concerning any type of immediate medical assistance and the special necessary treatments. When you contact a physician, take this card of safety data with you.

Chapter 5: Measures of fight against fire	
5.1.	Means of fight against fire The filler of the dolomite does not involve hazards of fire and no limitations are given to the agents fighting against fire.
5.2.	Special hazards caused by the respective substance or mixture The filler of dolomite is not combustible and does not explode; also it does not sustain or make easy the combustion of other materials.
5.3.	Recommendations for the firemen It is not necessary a special equipment for the firemen.
Chapter 6: Measures to be adopted in case of accidental dispersion	
6.1.	Personal precautions, equipment of protection and emergency measurements The inhalation of the dust must be avoided. Do evacuate the contaminated area and observe the procedures valid for such situations. For the staff involved in emergency situations: wear the equipment of protection described at chapter 8 and follow the information for the manipulation of chapter 7. No emergency procedures are necessary.
6.2.	Cautions for the environment No special measures of prevention are necessary.
6.3.	Methods and materials for the insulation of the fire and for the cleaning Do recover the scattered material in dry state by aspiration in order not to provoke its dispersion into air. Do not use compressed air. The workers have to wear an individual labor equipment of protection. The spreading of the dust must be prevented. Do avoid the inhalation of the dust and its contact with the skin. Place the collected material into a container / recipient for the subsequent utilization or for the elimination.
6.4.	Reference to other chapters See section 13.

Chapter 7: Manipulation and storage

- 7.1. Cautions for the manipulation under safety conditions**
 The following equipment of protection it is recommended in case of the utilization of the dolomite filler:
- In order to avoid the inhalation- in case of presence of dust it will be used the protection mask;
 - In order to avoid the contamination of the eyes: adequate protective eyewear must be used against dust and fluid materials.
 - In order to avoid the contact with the skin must be used adequate protective clothes and gloves
- 7.2. Conditions of storage under safety conditions**
 The dolomite filler is stored in dry and clean areas.
 Do not enter in closed areas: silo, warehouse, mean of transport containing dolomite filler without adopting safety measures.
- 7.3. Final specific utilization**
 According chapter 1.2.

Chapter 8: Controls of the exposures/ personal protection

- 8.1. Parameters of control**
- | Name | Limit value (8 hours) | Legislation | Remark |
|---------------------------------|-----------------------|--|--------------------|
| Powders without specific effect | 10 mg/ mc | Government Decision 1218/ 2006 with its subsequent changes and completions | Inhalable fraction |
- 8.2. Control of the exposure**
- 8.2.1. Proper technical controls**
 All the necessary measures will be adopted for the diminishing of the generation and for the propagation of the dust into the environment, in order to avoid its dispersion into air.
- 8.2.2. Individual measures of protection as well as the equipment for personal protection**
 Do not eat, do not drink, do not smoke when working with dolomite filler in order to avoid the contact with the skin and with the mouth. After working with the dolomite filler clean the protective equipment.

Protection of the eyes/ face



Use the proper protective glasses in order to prevent the contact with the eyes.

Skin protection

Do use impermeable, abrasive gloves, lined inside with cotton and protective footwear and clothes,



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as well as the products for caring the skin.

Respiratory protection



In case the person is exposed to dust over the limits of exposure it is recommended to use the individual equipment for the protection of the respiration. Use an adequate protection.

8.2.3. The control of the exposure of the environment

The control of the dust emissions must be performed according to the regulations in force. In case of accidental spreading, the dolomite filler will be collected by aspiration in order to prevent its spreading into the environment. Do adopt the necessary measures in order to avoid the spreading of the material into water, systems of sewage, surface waters, etc.

Chapter 9: Chemical and physical properties

9.1. Information concerning the basic physical and chemical properties

Form	Powder
Colour	White, grey, yellow
Smell	Inodorous
The threshold of accepting the smell	N/A
Solubility in water	0.4-4.0 %
Coefficient of partition noctanol / water	N/ A (non- organic substance)
Temperature of self –ignition	No information available
Explosive properties	It is not classified as explosive material
Oxidant properties	No one
Density	2.9 g/ cm ³
PH (T= 20 °C in water)	9-10
Melting point	>600°c
Boiling point	N/A
Ignition point	N/A
Rate of evaporation	N/A
Fire resistance	Not inflammable

9.2 Other information N/ A.

Chapter 10: Stability and reactivity

10.1	Reactivity Little soluble.
10.2	Chemical stability The product is stable from chemical point of view.
10.3	Possibility of dangerous reactions Possible violent reactions in the presence of acids.
10.4	Conditions to be avoided This material is degraded in contact with the air or with moisture. Over 600° C the calcium and magnesium carbonate is decomposed forming the oxide of calcium and magnesium and dioxide of carbon (CO ₂). The oxide of calcium reacts with water and generates heat. This fact can cause risks for the flammable materials.
10.5	Incompatible materials No data are available.
10.6	Dangerous products of decomposing No one.
Chapter 11: Toxicological information	
11.1.	Information concerning the toxicological effects There is no classification concerning the toxicological effects.
Chapter 12: Ecological information	
12.1	Toxicity The product is not a toxic one. The product is not dangerous for the environment.
12.2	Persistency and degradability N/A
12.3	Potential of bioaccumulation N/A
12.4	Mobility in the soil N/A
12.5	The results of the PBT and vPvB evaluation N/A
12.6	Other adverse effects N/A

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Chapter 13: Considerations concerning the elimination	
13.1	Methods of the treatment of waste The elimination into sewage systems and in streams has to be avoided (for example in rivers).
Chapter 14: Information concerning the transport	
The dolomite filler is not included into the international regulation of transport of hazardous commodities (IMDG, IATA, ADR/RID), this is the reason why it is not necessary any classification. Also no special cautions are necessary, except those mentioned at chapter 8.	

14.1	ONU number N/A
14.2	The correct ONU name for the expedition N/A
14.3	The class (classes) of danger for the transport N/A
14.4	The group of packaging N/A
14.5	The hazards for the environment N/A
14.6	Special cautions for the users

	N/A
14.7	Transport in bulk, according to the annex II to the Convention MARPOL and to the IBC Code It is not regulated.

Chapter 15: Information of regulation

15.1	Regulations/ legislations in the field of safety, health and environment specific for the respective substance or for the mixture The filler of dolomite is an exception of the liability of registration according to the article 2, paragraph 7, letter (a) of the Regulation (European Commission) number 1907/ 2006 concerning the registration, evaluation, authorization and restriction of the chemical substances (REACH).
15.2	The evaluation of the chemical safety N/A

Chapter 16: Information concerning the transport

16.1	Supplementary information The safety card of the dolomite filler is according to the Regulation (EC) number 1907/2006 modified by the Regulation (EU) number 453/ 2010 and by the Regulation (EU) number 830/2015.
16.2	Abbreviations CAS= Department of Chemical Abstracts EINECS = The European Inventory for the existent chemical commercial substances PBT = persistent, bio-accumulative and toxic REACH= the registration, the evaluation and the authorization of the chemical substances vPvB= very persistent, very bio-accumulative
16.3	References to the specialty literature N/A
16.4	Phrases of danger N/A
16.5	Phrases of caution N/A
16.6	Recommendations concerning any adequate training for the workers in order to warrant an optimal protection of the human health and of the environment The information of this card of safety data must be given to the workers together with the programs of professional training concerning the safety and health at work and protection of the environment.
16.7	The discharging of liability The information of this card containing the safety data reflects the knowledge available at the moment and they are reliable only in case the product is used according to the procedure mentioned on the packaging. Any other utilization of the product is the responsibility of the user.

