grupo**puma**

CANDO RODADO

MATERIAL SAFETY DATA SHEET (REACH)

1) <u>IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:</u>

1.1 PRODUCT IDENTIFIER:

CANTO RODADO

$\underline{\textbf{1.2}}$ RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED

AGAINST:

Relevant uses: Materials of construction.

Uses advised against: All uses not specified in this section.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

GRUPO PUMA SL AVDA. AGRUPACIÓN CÓRDOBA, NUM. 17 14014 CÓRDOBA - CÓRDOBA - ESPAÑA

Phone.: +34 901 11 69 12 - Fax: +34 957 44 19 92 fds@grupopuma.com http://www.grupopuma.com

<u>1.4</u> EMERGENCY TELEPHONE NUMBER: 901 11 69 12 (Horario de atención: 08:30 – 13:30 y de 16:00 –19:00)

2) COMPOSITION / INFORMATION ABOUT THE COMPONENTS:

2.1 CHEMICAL DESCRIPTION:

Natural, Calcium-Magnesium Carbonate CaMgCOx

2.2 DANGEROUS COMPONENTS:

None

2.3 CLASIFICATION / SIMBOLOGY (N° CAS 16389-88-1)

CaMg(CO₃) 2



3) DANGERS:

Being based on available information, for Calcium Carbonate and mentioned additives in 2.1, the substance presents no risk neither for the man nor for the environment.

4) FIRST AID:

4.1 CONTACT WITH EYES

Wash thoroughly whith water In case of irritation to consult the doctor

4.2 SKIN CONTACT

Wash with water

4.3 INHALATION

To take the person outdoors. If discomfort continues, to Consult the doctor.

4.4 INGESTION

Symptomatic threatment.
A irritation persists, to Consult the doctor.

5) MEASURES AGAINST FIRE

Non flammable substance. Not applicable

6) MEASURES TO TAKE IN CASE OF ACCIDENTAL SPILLAGES:

In case of spilling the product, sweep up or vacuun as dispose in an authorized dump. To avoid the contact with warm acids.

Personal precautions: Gloves, goggles and mask.

<u>Precautions for the protection of the environment</u>: The product is of natural form, Therefore it is not harmful to the environment in general terms.

Method of cleaning: Collection with shovel/brush/vacuun.



7) STORAGE:

7.1 PRECAUTIONS FOR SAFE HANDLING

Observe the general precautions relative to handling of chemical products.

7.2 STORAGE

- General recommendations:

Store in closed sealed packaging.

Do not to store with acids.

- Recommendations to anticipate risks for fire or explosion:

Not applicable

- Recommendations to anticipate toxocological risks:

Use mask in confined dusty locations.

- Recommendations to anticipate the pollution of the environment:

It is a product that one finds of natural form. It does not need special preventions.

CONDITIONS OF STORAGE:

- Class of store:

Atrojes, collections or silos

- Maximum time stock:

Unlimited

- Range of temperatures:

Not applicable

- Incompatible materials:

Ácids

- Type of packing:

Bulk, sack or bigbag

- Quantity limits:

It does not apply

8) CONTROL OF PRODUCTS / PERSONAL PROTECTION:

8.1 PROTECTION OF THE RESPIRATORY SYSTEM

To use mask

8.2 CONTROLS OF PROFESIONAL EXHIBITION, Directive 89/686/CEE, (R.D.1407/1992)

Not applicable

8.3 PROTECTION OF EYES

To use eye protection for dusty products or with fine power

8.4 PROTECCIÓN OF THE SKIN AND HANDS

Direct long contact may irritate the skin

8.5 CONTROLS OF THE PRODUCT IN THE ENVIRONMENT

Not applicable



9) PHYSICAL AND CHEMICAL PROPERTIES

9.1 ASPECT

Powder

9.2 COLOUR

White

9.3 SMELL

Without smell

9.4 VALUE pH

8.5-9.5 (100g/l 2°C) DIN – ISO 787/9

9.5 MELTING TEMPERATURE

1340°c (120 bar)

9.6 BOILING TEMPERATURE

Not applicable

9.7 IGNITION POINT

Not applicable

9.8 FLASH POINT

Non-flammable

9.9 IGNITION POINT

No fuel

9.10 OXIDISING PROPERTIES

Not explosive

9.11 VAPOR PRESSURE

Almost nonexistent

9.12 RELATIVE DENSITY

2.6-2.8 (20°C) DIN ISO 787/10

9.13 SOLUBILITY

a) WATER SOLUBLE 0.014g/l (20°C) DIN – ISO 787 / 10

b) OIL SOLUBLE 0.018g/l (75°C)

9.14 COEFFICIENT OF ALLOY

n-Octane l/H₂O < 1 (Estimation)

9.15 OTHER DATA

a) THERMAL DECOMPOSITION

Over 8252°C



10) STABILITY AND REACTIVITY

10.1 CONDITIONS THAT MUST BE AVOIDED

Non recommendes

10.2 MATTERS THAT MUST BE AVOIDED

To avoid contact with the warm acids (It react with the acids producing CO2)

10.3 DANGEROUS PRODUCTS IN DESCOMPOSITION

None

10.4 OTHER INFORMATION

None

11) TOXICOLOGICAL INFORMATION

11.1 ORAL SHARP TOXICITY DL50 orale, rat→ 5.000mg/Kg

Dolomite isn't a toxic substance.

12) ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Acute fish toxicity: Not considered toxic to fish

12.2 Persistence and degradability

Degradability: The product is not readily biodegradable.

- <u>12.3</u> Bioaccumulative potential: The product is not bioaccumulating.
- **12.4 Mobility in soil:** Not relevant, due to the form of the product.
- <u>12.5</u> Results of PBT and vPvB assessment: This product does not contain any PBT or vPvB substances

12.6 Other adverse effects: None known

13) CONSIDERATIONS RELATIVE TO DISPOSAL

It is possible to throw in an authorized dump.

For concerns regarty disposae, consult the supplier.

Elimination of empty packings: (Law 11/1997 y R.D.782/1998)

The packing's plastic or a paper an they do not contaminate with the product, That can be disposed as paper or plastic by and authorized dispose manager thin material.

<u>Procedures of neutralitation or destruction of the product:</u>

Non applicable

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14) INFORMATION RELATIVE TO THE TRANSPORT

14.1 GGVSee / IMDG CODE 14.2 GGVE / GGVS 14.3 UN No. 14.4 RID / ADR 14.5 ICAO / IATA.DGR 14.6 ADNR

15) REGULATION INFORMATION

The Calcium Magnesium Carbonate crushed, an dispose in the water is not a dangerous solution according to the regulations established for CEE.

Date of update: 24/11/2019

The information contained in this safety leaf, is based on the knowledge and in force laws of UE and natives to date of the update. The conditions of work of the users are out of our knowledge and control. It is always a responsibility of the user take the opportune measurements for the correct fulfillment of the legislative in force requirements. The present safety leaf only tries to be a description of the safety requirements of the product with which it must not be considered to be a guarantee of the properties.