

Updated on 30-04-15

PV103

Product code:
PV103

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

Company

Company name: Cibo nv/sa
Street: Deugenietstraat 5
Town: 3150 Tildonk – Belgium
Telephone: Tel: +32 (0)16 61 85 85 Fax: +32 (0)16 61 84 84
E-mail: info@cibo.be
Website: www.cibo.be/en
Responsible/issuing person: Bram Gillès

Product

Identification: PV103 – Vienna Polishing Chalk
Application: Gently operating polish and cleaning agent

CHAPTER 2: Hazards identification

Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

Label elements

Hazardous components which must be listed on the label

Void

Hazardous components which must be listed on the label

No marking required according to 1999/45/EC, appendix V B, No. 9.

CHAPTER 3: Composition/information on ingredients

Mixtures

Chemical characterization

Calcium-Magnesiumcarbonate (Calcide, Marblepowder-chalk)

Dangerous ingredients:

Substance	EC-Nr	CAS-Nr.	Concentration	Classification acc. to regulation (EC) No 1271/2008	Classification acc. to directive
				Hazard Class	Hazard Statements
Calcium-Carbonate, natural	471-34-1		Ca. 99%		

Remarks:

Classification and labeling of a product is indicated under item 15.

Exposure Controls / Personal protection under item 8.

R-Phrase(s) under 16.

CHAPTER 4: First aid measures

Description of first aid measures

General information

No special measures are necessary.

If inhaled:

Provide fresh air. Seek medical attention if problems persist.

In case of skin contact:

After contact with skin, wash immediately with: Water and soap.

In case of eye contact:

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Seek medical attention if problems persist.

If swallowed:

Rinse mouth immediately and drink large quantities of water. Seek medical attention if problems persist.

CHAPTER 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

The product itself is not combustible. Extinguishing materials should be selected according to the surrounding area.

Special hazards arising from the substance or mixture

Specific hazards during firefighting:

Calcium oxide.

Advice for firefighters

Special protective equipment for firefighters: Use appropriate respiratory protection.

Additional information:

Cool with water spray near by the source of fire.

CHAPTER 6: Accidental release measures

Personal precautions

Provide adequate ventilation. Avoid ocular contact. Avoid generation of dust. Do not breathe dust.

Environmental precautions and methods for cleaning up

Do not empty into drains or the aquatic environment. Beat down dust with water spray.

Methods and material for containment and cleaning up

Provide adequate ventilation. Collect mechanically. Removal according to the regulations.

CHAPTER 7: Handling and storage

Precautions for safe handling

Advice on safe handling: Adequate airing/ suction of the working place must be ensured. Avoid generation of dust. Not avoidable formation of dust must be vacuumed up regularly. Do not breathe dust. Pay attention to the compliance of exposure limit values and/ or other limit values. Avoid contact with eye. Avoid prolonged or frequently repeated skin contact.

Advice on protection against fire and explosion: The product itself is not combustible.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Observe water regulations.

Storage: Keep dry.

Store away from: Do not store together with: Acids.

CHAPTER 8: Exposure controls/personal protection

Control parameters:

Additional advice on limit values not specified. Refer to chapter 7.

Exposure controls:

Occupational exposure controls General dust limit value
E : respirable dust fraction: 10 mg/m³ (shift average)
A : alveoli going dust fraction: 3 mg/ m³ (shift average)
Additional information: On creation date valid lists were taken as a basis.

Personal protective equipment

Ventilation: Normally not necessary. If mists are generated have general or local ventilation to avoid breathing irritation mists.

Respiratory protection: Wear respiratory protection when in the presence of dust. Generally no special measures are necessary if compliance of exposure limit values and/ or other limit values is/ are warranted permanently. Short-time or marginally load: particulates filter device (DIN EN 143). type P1, Identification colour: white
Learn further details from "regulations for the use of respiratory devices" (BGR 190)

Hand protection:	In case of prolonged or frequently repeated skin contact: Wear suitable gloves. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Check the permeability prior to each renewed use of the glove. To avoid skin problems reduce the wearing of gloves to the required minimum. Material of gloves: The choice of suitable gloves is dependent not only on the material, but also on other quality characteristics and might be different from manufacturer to manufacturer. Penetration time (maximum wearing period): Protective gloves should be substituted with the first signs of wear out.
Eye protection:	Advisable: Tightly sealed safety glasses.
Skin and body protection:	Body protection measures are to be selected depending on purpose and possible effects.
Protective & hygiene measures:	Do not breathe dust. Avoid contact with eye. Avoid prolonged or frequently repeated skin contact. Wash hands before breaks and at the end of work. Protect skin by using skin protective cream.

CHAPTER 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Powder
Colour:	White
Odour:	Odourless
pH-value (at 20 °C):	9,5 – 10,5 (Susp.)

Changes in the physical state

Melting point:	900 °C
Boiling point:	not ascertained
Flash point:	Not applicable
Oxidizing properties:	The product is not flammable

Explosive properties	Not explosive
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable

Density:	2,7 – 2,9 g/cm ³
Water solubility (at 20 °C):	ca. 0,02 g/l

CHAPTER 10: Stability and reactivity

Conditions to avoid	No thermal composition on intended use.
Incompatible materials	
Materials to avoid	Acids, Water.
Hazardous decomposition products	Carbon dioxide (CO ₂). Calcium oxide.

CHAPTER 11: Toxicological information

Information on toxicological effects

Acute toxicity:	Data relevant to classification LD/LC 50: Oral LD 50 > 2000 mg/kg (frog)
Irritation and corrosivity	Primary irritant effects: on the skin: Risk of mechanical irritation by dust particles. on the eye: Risk of mechanical irritation by dust particles.
Sensitising effects	No danger of sensitization known
Additional information on tests:	According to our experiences this product won't cause any harmful effects if handled and used appropriate.

CHAPTER 12: ECOLOGICAL INFORMATION

Toxicity

Ecotoxicology assessment

Acute aquatic toxicity:	No further relevant information available.
Chronic aquatic toxicity:	No further relevant information available.

Persistence and degradability

Biodegradability:	The definition of biodegradability are not applicable to inorganic materials.
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Further information

General information:	Generally not hazardous for water.
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Results of PBT and vPvB assessment

Assessment:	not applicable
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CHAPTER 13: Disposal considerations

Advice on disposal

Recommendation:	Waste disposal according to official state regulations.
Waste identity number:	The waste identity number according to AVV is based on the waste producer and can be different for one product. The waste identity number has to be determined from each waste producer separately.
European waste catalogue:	Waste disposal key numbers from EWC have to be assigned depending on origin and processing.

Contaminated Packing

Recommendation:	Waste disposal according to official state regulations.
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CHAPTER 14: Transport information

Land transport (ADR/RID)

UN number

Proper shipping name Not a hazardous material with respect to these transportation regulations.

Inland waterways transport

UN number

Proper shipping name Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG/IMO)

UN number

Proper shipping name Not a hazardous material with respect to these transportation regulations.

Air transport (IATA/ICAO)

UN number

Proper shipping name Not a hazardous material with respect to these transportation regulations.

DEEL 15: Regulatory information

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

National regulatory information: Water contaminating class (D): -- not water contaminating

DEEL 16: Other information

Further information

We guarantee the compliance of the specified characteristics. These specifications do not represent the assurance of characteristics for certain types of applications. We formally express that the recipient is obliged to inspect the goods before application.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

CIBO nv/sa
Deugenietstraat 5
3150 Tildonk - België

T +32 (0)16 61 85 85
F +32 (0)16 61 84 84
info@cibo.be - www.cibo.be

BE 0403 556 028
RPR Leuven
Steuernummer DE 42/678/27011

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