

1. Identification of the substance or preparation and of the company

1.1. Product identification

Product presentation:	Substance
Product name:	Cellulose based absorbent
Chemical name:	Cellulose based absorbent

1.2. Recommended applications of the substance or preparation/ non recommended applications

1.2.1. Identified recommended applications

Applications of the substance/preparation:	Absorbent. Industrial absorbent and humidity control.
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1.2.2. Non recommended applications

No more information available.

1.3. Supplier identification

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2. Hazardous identification

2.1. Classification of the substance or mixture

Classification as per regulation (UE) No. 1272/2008 [CLP]

Not classified

Adverse physical and chemical effects for human health and environment

No further information available

2.2. Label elements

Labelled according to regulation (CE) N° 1272/2008 [CLP]

Labelling not applicable

2.3. Other hazards

Other hazards with no classification:	Not classified.
IARC regulation:	Not classified. Does not contain carcinogenic particles.
REACH regulation:	Not classified. Does not contain chemical products.

3. Composition/information on ingredients

3.1. Substance

Remarks:	Cellulose. Contains <20% of calcium carbonate.
Chemical name:	Cellulose absorbent.
N° CAS:	Calcium carbonate 471-34-1

3.2. Mixtures

Not applicable

4. First aid measures

4.1. Description of first aid measures

First aid measures general:	Do not administer anything by mouth to unconscious people. Get medical attention in case of discomfort (show the label where possible).
First-aid measures after inhalation:	Remove victim to fresh air and keep at rest position.
First-aid measures after skin contact:	Remove clothing and wash exposed skin with mild soap and water; rinse with hot water.
First-aid measures after eye contact:	Immediately flush with plenty of water. Get medical attention in case of discomfort or irritation.
First-aid measures after ingestion:	Wash mouth with water. Provide water if the victim is conscious/awoken.

4.2. Most important symptoms and effects, acute and retarded

Symptoms and damages:	Not regarded as hazardous under standard use conditions.
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4.3. Indication of any immediate medical attention and special treatment needed

Do not administer anything by mouth to unconscious people. Get medical attention in case of discomfort (show the label where possible).

5. Firefighting measures

5.1. Reaction to fire classification

Classification:	M1 as per standard UNE 13.727-90. It is a flame retardant product and non-flammable. No risk of explosion.
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5.2. Extinguishing means

Suitable extinguishing means:	Foam. Dry powder. Carbon dioxide. Sprayed water.
Non suitable extinguishing means:	Do not use powerful water jets.

5.3. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire:	None.
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5.4. Advice for firefighters

Fire extinguishing instructions:	Cool down exposed containers using sprayed water or mist. Take care when extinguishing any chemical products fire. Avoid extinguishing water residues contaminating environment.
Protection during firefighting:	Do not attempt to take action without suitable protection equipment, including breathing protection.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measurements:	Avoid as much as possible dust formation.
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6.1.1. For non-emergency personnel

Emergency procedures:	Evacuate unnecessary personnel.
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6.1.2. For emergency personnel

Protective equipment:	Protect properly cleaning crew.
Emergency procedures:	Provide ventilation.

6.2. Environmental precautions

Prevent entry into sewers or streams. Notify authorities if product enters sewers or streams.

6.3. Methods and materials for containing and cleaning up

Cleaning procedures:	If it is on the floor sweep, Hoover or shovel into the proper container. Avoid as much as possible dust formation.
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6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

7. Handling and storage

7.1. Precautions for safe handling

Precautions for a safe handling: Guarantee the ventilation of the working area to prevent dust formation. Handle with care.
Hygiene measures: Do not eat, drink or smoke while using. Wash hands and other exposed zones with mild soap and water before eating, drinking or smoking or leaving work.

7.2. Conditions for safe storage, including possible incompatibilities

Storage conditions: Store in a dry place and protected to avoid any contact with humidity.
Keep only in the original packaging, in a fresh and well vented place. Keep the packaging closed when not in use.

7.3. Specific end uses

See section 1.

8. Exposure controls and personal protection

8.1. Control parameters

Calcium Carbonate (CaCO ₃)	
EU	Exposition limits TLV (as TWA): 10 mg/m ³ (total dust not containing asbestos and 1% of cristaline sylicon) (ACGIH 1995-1996). MAK not informed.

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Use protection gloves.
Eye protection: Chemical or Safety glasses.
Breathing protection: When excessive dust might occur wear a breathing antidust protection



Additional information: Do not eat, drink and smoke while using.

9. Chemical and physical properties

9.1. Information on basic physical and chemical properties

Shape/state: Solid
Appearance: Granules.
Colour: Grey.
Odour: Odourless.
Odour threshold: No data available
pH: 7,84 (7,5 - 9,5)
Evaporation rate (butyl acetate=1): No data available
Melting point: No data available
Hardening point: No data available
Boiling point: No data available
Flash point: No data available
Auto ignition temperature: No data available
Decomposition temperature: No data available
Flammability(solid, gas): Not inflammable
Vapour presion 20°C: No data available
Vapour density: No data available
Relative density: No data available
Density: 0,4 g/cm³
Solubility: Insoluble in wáter. Insoluble in oils/fats.
Log Pow: No data available
Kinematic viscosity: No data available

Dynamic viscosity:	No data available
Explosive properties:	No data available
Combustion properties:	No data available
Explosion Limits:	No data available

9.2. Additional information

Apparent density: 0,4 g/cm³

10. Stability and reactivity

10.1. Reactivity

Inert.

10.2. Chemical stability

Stable under the usage and storage conditions recommended in section 7.

10.3. Possibilities of hazardous reactions

Not known.

10.4. Conditions to be avoided

No more information available

10.5. Incompatible Materials

No more information available

10.6. Hazardous decomposition products

None.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Not classified ((method OECD 436). (OECD 404). (method OECD 420))
Skin corrosion/irritation:	Not classified (method OECD 405) pH: 7,84 (7,5 - 9,5)
Additional remarks:	In view of available data, does not comply with classification criteria.
Serious eye injuries/irritations:	Not classified ((OECD 404)) pH: 7,84 (7,5 - 9,5)
Additional remarks:	In view of available data, does not comply with classification criteria.
Skin/respiratory sensitization:	Not classified
Additional remarks:	In view of available data, does not comply with classification criteria
Germ cell mutagenicity:	Not classified ((método OECD 471). (OECD 474)) In view of available data, does not comply with classification criteria
Carcinogenicity:	Not classified
Additional remarks:	In view of available data, does not comply with classification criteria
Reproductive toxicity:	Not classified
Additional remarks:	In view of available data, does not comply with classification criteria
Specific target organ toxicity (STOT) – single exposure:	Not classified
Additional remarks:	A la vista de los datos disponibles, no se cumplen los criterios de clasificación
Specific target organ toxicity (STOT) – repeated exposure:	Not classified.
Additional remarks:	In view of available data, does not comply with classification criteria
Adverse effects and possible symptoms on human health	In view of available data, does not comply with classification criteria

12. Ecological information

12.1. Toxicity

Ecology - general: Vegetal origin natural product.

12.2. Persistence and degradability

Not relevant.

12.3. Bioaccumulative potential

Not relevant.

12.4. Mobility in soil

Regardless.

12.5. PBT y mPmB evaluation results

This substance/mixture does not fulfill the PBT criteria of annex XIII of REACH regulation.

This substance/mixture does not fulfill the mPmB criteria of annex XIII of REACH regulation.

12.6. Other adverse effects

Not relevant.

13. Disposal/elimination considerations

13.1. Waste treatment methods

Waste disposal/elimination recommendations:

Depending on the products absorbed the disposal method will depend on the safety measures demanded by the local/national regulations.

Three possible options:

- Landfill: all those products sent to a landfill is a non recycleable product.
- Incinerator: >80% of the product can be used as fuel and <20% is a mineral residue (calcium carbonate).
- Cement plant: >80% of the products can be used as fuel and <20% can be added as calcium carbonate to the cement composition. It can be 100% recycled.

14. Transport information

As per ADR / RID / IMDG / IATA / ADN regulations

ADR	IMDG	IATA	ADN	RID
14.1. UN Number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. U N proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Hazard clases/es for shipping				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packaging group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Environmentally hazardous: No	Environmentally hazardous: No Marine pollutant : No	Environmentally hazardous: No	Environmentally hazardous: No	Environmentally hazardous: No
No additional information available				

14.6. Particular recommendations for users

- Land transport

No data available

- Sea transport

No data available

- Air transport

No data available

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- River transport

No data available

- Railroad transport

No data available

14.7. Transport in bulk as per annex II of the MARPOL Convention 73/78 and the IBC Code

Not applicable

15. Regulatory information

15.1. Regulations and legislation on safety, health and environment specific to the substance or mixture

15.1.1. EU Regulations

Without restrictions as per annex XVII of REACH

The cellulose based absorbent is not included in the REACH list.

The cellulose based absorbent is not included annex XIV of REACH

15.1.2. National regulations

No more data available

15.2. Chemical safety evaluation

Exempt for REACH registration

16. Additional information

Abbreviations and acronyms:

mPmB	Very persistent and very bioaccumulative
PBT	Persistent, bioaccumulative and toxic substance

Data sources:

Regulation(EC) N° 1272/2008 of the European Parliament and of the Council of December 16, 2008 on classification, labelling and packaging of substances or mixtures, amending and repealing Directives 67/548/CEE and 1999/45/CE and amending Regulation (EC) N° 1907/2006.

Additional information:

None.

FDS EU (Annex II REACH)

The information contained in this document is based on our actual knowledge and it is intended to describe the product for the protection of health, safety and environment. Therefore it should not be construed as a guarantee of any specific feature of product or incorrect use.