



Safety Data Sheet

According to 1907/2006/EC, Article 31

www.biobizz.com
Tel: +34 944 657 951

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Section 1: Identification of the mixture and of the company/undertaking

1.1 Product identifier	
<i>Trade name:</i>	CALMAG
1.2 Relevant identified uses of the mixture and uses advised against	
<i>Relevant identified uses of the mixture:</i>	This product should be used for industrial purpose
<i>Recommended restrictions:</i>	Other uses than those recommended.
<i>Version:</i>	Revision date: 13/09/2019
1.3 Details of the supplier of the safety data sheet:	
<i>Supplier:</i>	Pol. Industrial Lezama-Leguizamon C/ Gorbeia nº 11 (48450) Etxebarri – Bizkaia Spain www.biobizz.com Tel: +34 944 657 951
<i>Competent person responsible for the safety data sheet:</i>	Export Department
1.4 Emergency Telephone Number:	+34 944657951

Section 2: Hazards identification

2.1 Classification of the mixture	
<i>Classification in accordance with Regulation (EC) No 1272/2008</i>	
This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.	
2.2 Label Elements:	
<i>Signal word:</i>	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008. EUH210: Safety data sheet available on request.
2.3 Other hazards	None known.

Section 3: Composition/information on ingredients

3.1 Mixtures:
No declaration of substances is required See section 16 for the full text of the Hazard statement codes declared.

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Section 4: First Aid Measures

4.1 Description of first aid measures

<i>Inhalation:</i>	Remove person to fresh air and keep at rest.
<i>Skin contact:</i>	Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.
<i>Eye contact:</i>	Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.
<i>Ingestion:</i>	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Keep the person at rest. Do NOT induce vomiting.

4.2 Most important symptoms/effects, acute and delayed:

Read label before use.
No additional information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Not available.

Section 5: Firefighting Measure

Fire class: Non flammable

5.1 Extinguishing media:

Suitable extinguishing media:
Carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable extinguishing media:
For safety reasons do not use full water jet

5.2 Specific hazards arising from the substance:

Not applicable.

5.3 Advice for firefighters:

In case of fire in the surrounding area, follow the recommendations below:
 1-Closed containers may build up pressure at elevated temperatures.
 2-Avoid inhalation of fumes or vapors. Use appropriate respiratory protection.
 3-Prevent run-off from fire fighting to enter drains or water courses.

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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Wear appropriate gloves to prevent skin exposure.
 Avoid breathing vapors. Use a suitable respiratory apparatus if necessary. Avoid contact with eyes and skin.
 Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

Avoid contaminating the environment via the sewers or water sources.

6.3 Containment and cleaning up methods and material:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
 Ventilate area and wash spill site after material pickup is complete.
 Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections:

Referred to Sections 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Keep away from food, drink and animal feedingstuffs. Do not smoke.
 Avoid contact with skin and eyes.
 Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.
 Keep away from incompatible substances (see section 10).

7.3 Specific end use(s)

Not available

Section 8: Exposure control/ Personal protection

8.1 Control parameters

Occupational Exposure Limits:
Declaration of substances is not required.

Derived no-effect level (DNEL):
No data available

Predicted No Effect Concentration (PNEC):
No data available

8.2 Exposure controls

Personal protection equipment:
Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.

Engineering Controls-Ventilation:
The areas where the product is handled and stored should be adequately ventilated.

Respiratory Protection:
Use personal breathing apparatus whenever deemed necessary.

Skin Protection:
Avoid contact with skin. Wear suitable gloves.

Eye/Face protection:
Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

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Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

<i>Appearance (20 °C):</i>	Liquid.	
<i>State:</i>	Liquid suspension.	
<i>Colour:</i>	Green -brown.	
<i>Odour:</i>	Organic matter, humic acids.	
	Value	Remark
<i>pH</i>	7.5-8	
<i>Melting point/freezing point</i>	N/A	
<i>Initial boiling point/boiling range</i>	N/A	
<i>Evaporation rate</i>	N/A	
<i>Relative density (kg/L)</i>	1.1kg/liter	
<i>Solubility</i>	100%	
<i>Decomposition temperature</i>	N/A	
<i>Viscosity</i>	N/A	
<i>Explosive properties</i>	N/A	
<i>Oxidising properties</i>	N/A	

Section 10: Stability and reactivity

10.1 Reactivity

Not available.

10.2 Chemical stability

Stable under normal operating conditions.

10.3 Possibility of hazardous reactions

It does not undergo any dangerous reactions under normal conditions.

10.4 Hazardous Polymerization

Heat, flames and other sources of ignition.

10.5 Conditions to avoid

No special precautions other than good housekeeping of chemicals.

10.6 Incompatible materials

None known

10.7 Hazardous decomposition products

Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

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Section 11: Toxicological information

11.1 Information on toxicological effects

Information on likely routes of exposure:

See also sections 2 and 3.

No toxicological information is available on the product itself.

- *Acute toxicity*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Skin corrosion/irritation*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Serious eye damage/irritation*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Respiratory or skin sensitisation*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Germ cell mutagenicity*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Carcinogenicity:*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Reproductive toxicity*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *STOT-single exposure*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *STOT-repeated exposure:*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

- *Aspiration toxicity*

This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

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Section 12: Ecological information

12.1 Acute aquatic toxicity

N/A

12.2 Persistence and degradability

All organic components in this product reach a 60% BOD and 70% COD reduction with the OCDE 301 A-F test of easy biodegradability in 28 days. Therefore the product is classified as readily biodegradable according to OCDE.

The surfactants that this product contains are agree with regulation (EC) nº 648/2004 of the European Parliament of 31 March 2004 on detergents.

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

N/A

12.5 Other adverse effects:

Do not allow the material to enter streams, sewers or other waterways.

Section 13: Disposal considerations

13.1 Container disposal

Do not reuse empty containers.

13.2 Disposal conditions:

Dispose of in accordance with all state and local environmental regulations.
 This material and its container must be disposed of in a safe way.

Section 14: Transport information

14.1 International Carriage of Dangerous Goods by Road (ADR)

Transport document description:	N/A Not regulated.
Identification Number:	N/A
Packing Group:	-
Proper Shipping Name:	Not regulated.
Hazard class:	-
Label Codes:	-

14.2 Sea Transport (IMDG)

Identification Number:	N/A
Proper Shipping Name:	Not restricted.
Hazard class:	-
Packing Group:	-
Marine Pollutant:	No
IMDG-Code segregation group:	-
Label Codes:	-

14.3 Air Transport (ICAO/IATA)

Identification Number:	N/A
Proper Shipping Name:	Not restricted.
Hazard class:	-
Packing Group:	-
Passenger aircraft:	ACCEPTED
Cargo aircraft:	ACCEPTED
Label Codes:	

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Section 15: Regulatory information

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

Not available.

15.2 Chemical safety assessment:

Not available.

Section 16: Other Information

Text of hazard statement codes in section 3:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

This material should only be used for industrial purposes.

16.1 Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. EH40/2005. Workplace exposure limits with amendments.

16.2 Disclaimer

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this SDS. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment and must determine suitability of this information for his application.