

	SAFETY DATA SHEET	Code : EN LAB REG 15 E – En Version : 3 Date d'application : 27/07/2022 Page 1/4
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According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Revision of the safety data sheet: 07/08/2024

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Commercial name	MICROZEST 50 GREEN CLAY- GREEN MICROZEST 50 GREEN CLAY
Reference	G429 - N111
Nanoform	Not applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use	Cosmetic ingredient
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1.3 Details of the supplier of the safety data sheet

Manufacturer	LESSONIA – Croas ar Neizic – 29800 SAINT-THONAN – France
Phone	+33 (0)2 98 07 23 65
Mail	info@lessonia.com

1.4 Emergency telephone number

Lessonia	+33 (0)2 98 07 23 65
Other	ORFILA number (INRS) : + 33 (0)1 45 42 59 59

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified as dangerous according to the regulation (EC) n° 1272/2008 (GHS/CLP)

2.2 Label elements

Not applicable

2.3 Other hazards

The substance does not contain substances $\geq 0.1\%$ listed in accordance with Article 59(1) of REACH or known to have endocrine disrupting properties in accordance with the criteria set out in the Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This substance does not contain any hazardous substance to label

3.2 Mixtures

Not applicable

4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice	Do not breathe dusts
Inhalation	Go to fresh air if necessary. Do not breathe dust.
Contact with the skin	Rinse it
Contact with eyes	Eliminate the product with water, see a doctor. Do not rub.
Ingestion	No immediate danger, see a doctor if necessary

4.2 Most important symptoms and effects, both acute and delayed

Non-hazardous under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Not concerned

5.2 Special hazards arising from the substance or mixture

No known specific hazard

5.3 Advice for firefighters

Individual measures Wear a respiratory apparatus of protection autonomous insulator.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Gloves, glasses and mask can be worn

6.2 Environmental precautions

Do not reject in sewer pipes or river

6.3 Methods and material for containment and cleaning up

Collect the product and put it in drums

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink and smoke in work areas. Wash hands after use and remove contaminated clothing and protective equipment before entering eating areas.

Handle in a well-ventilated place.

7.2 Conditions for safe storage, including any incompatibilities

Packaging materials: Waterproof material

Store away from heat, light, humidity - keep away from foodstuffs

7.3 Specific end use(s)

No additional data available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Designation	CAS number	OELs 8h (ppm)	OELs P8h (mg.m ⁻³)	OELs CT (ppm)	VLEP ST (mg.m ⁻³)	Comments	Tables of occupational diseases number
Kaolin	-	-	10	-	-	-	-

8.2 Exposure controls

Hands protection

Gloves recommended

Eyes protection

Goggles recommended

Respiratory protection

Respiratory mask recommended

Skin and body protection

Working clothes recommended

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Aspect	Powder	- Solubility	Soluble in water
- Color	Green	- pH (10 %)	Not studied
- Smell	Odourless	- Boiling point	Not studied
- Loss on drying	<= 10%	- Flash point	Not studied
- Density	700 - 900 g/l (untapped)	- Explosion hazard	None

9.2 Other information

No additional data available.

10 STABILITY AND REACTIVITY

10.1 Reactivity

The substance is not reactive under normal conditions of use.

10.2 Chemical stability

The substance is stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No additional data available.

10.4 Conditions to avoid

Humidity

10.5 Incompatible materials

No additional data available.

11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	OCDE N°423 : DL50=5000mg/kg Rat, 3 hours of study No toxic
Skin corrosion/irritation	OCDE N°402 : DL50>2000mg/kg Rat, 14 days observation No toxic OCDE N°404 : Non irritant Rabbit, 72 hours after application No irritant
Serious eye damage/irritation	OCDE N°405 : Non irritant Rabbit, 72 hours after application No irritant
Respiratory or skin sensitisation	OCDE N°403 : 2000<DL50<5000mg/kg ; Cl50=3,856mg/L Rat, 4 hours exposition, 14 days observation Non toxic OCDE N°406 : Negatif Guinea pig, 48 hours after application Negatif
Germ cell mutagenicity	OCDE N°471 : Negatif Salmonella typhimurium, 48 hours study Negatif
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.

11.2 Information on other hazards

No additional data available.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Acute aquatic toxicity test for fish :

OCDE N°203 : NOEC>100mg/L ; CL₅₀>100mg/L
Brachidanio rerio, Aquatic environment, 96 hours study
No danger for environment

Growth inhibition test for algae:

OCDE N°201 : NOEC>100mg/L

Desmodemus subspicatus, Aquatic environment, 72 hours study

No danger for environment

Acute immobilization test:

OCDE N°202 : CL₅₀>100mg/L

Daphnia magna, Aquatic environment, 48 hours study

No danger for environment

Acute toxicity test by oral route (effects secondary):

OCDE N°213 : CL₅₀>100µg/L / subject

Apis mellifera mellifera L. (Hymenoptera : apidae), 48 hours study

No danger for environment

Acute toxicity test by contact (effects secondary):

OCDE N°214 : CL₅₀>100µg/L / subject

Apis mellifera mellifera L. (Hymenoptera : apidae), 48 hours study

No danger for environment

12.2 Persistence and degradability

Not studied

12.3 Bioaccumulative potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB assessment

No additional data available.

12.6 Endocrine disrupting properties

No additional data available.

12.7 Other adverse effects

No additional data available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Recycle or dispose of in accordance with local regulations. Do not dispose of by discharge into sewers or rivers.
Packaging materials	Recycle or dispose of in accordance with local regulations. Do not dispose of by discharge into sewers or rivers.

14 TRANSPORT INFORMATION

Not dangerous goods according to transport regulations.

15 REGULATORY INFORMATION

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

Does not contain any substances subject to restrictions according to annex XVII of REACH

Does not contain any substances listed in Annex XIV of REACH

Does not contain any substance on the candidate list for authorization (SVHC)

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16 OTHER INFORMATION

The information given in this safety data sheet is based on our current knowledge about the product concerned and on national and community regulations on the date specified. They are given in good faith and for information purposes only in order to handle, manufacture, store, transport, distribute, provide, use and dispose with safety requirements. It is always the user's responsibility to take all necessary steps to meet the requirements of local laws and regulations. This Safety data sheet has been written and should be used only for this product. It supplements the technical data sheet but does not replace it. Therefore, the information cannot be interpreted as a guarantee of properties.