



Prepared in accordance with Commission Regulation (EU) No. 453/2010 of May 20, 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of December 18, 2006 on the Registration, Evaluation, Authorization and Restriction of chemicals (REACH) (EU DU series L No. 133 of May 31, 2010)

Desiccant bags ES

Date of preparation 06/09/2021

Update date 02/10/2022

1. Substance and company identification

1.1. Substance identification

Trade name: Desiccant bags ES

1.2. Use of the substance/preparation

Desiccant

1.3. Enterprise identification

Company name: ABC-Z System EKO s.c. Bożena Ostrowska-Kochel, Marek, Mateusz Kochel

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Email address: mkochel@abc-z.pl

1.4. Emergency telephone number

In case of emergency: +48 796308791

Office time Mo-Fr 08:15 – 16:45

1.5. Composition and information on ingredients

Mixture

Substance 1

Name: calcined water vapor adsorbing mineral clay (bentonite)

Summary formula: -

CAS: 1302-78-9

EINECS: 215-108-5

Substance 2

Name: calcium chloride

Summary formula: CaCl_2

CAS: 10043-52-4

EINECS: 233-140-8



2. Hazards identification

In accordance with EC Regulation No. 1272/2008, the product is not classified as dangerous. No information on hazards for humans and the environment. Health hazard - does not occur. Threat to the environment - does not occur. Unit packages do not require warning marking.

3. First aid

Eyes:	rinse with plenty of water with the eyelid held wide open. Seek the help of an ophthalmologist.
Skin:	remove all contaminated clothing and wash skin with plenty of water.
When ingested:	give plenty of water, rinse mouth, call a doctor.
After inhalation:	go to fresh air, call a doctor.

4. Procedure in case of fire

Suitable extinguishing agents:	depending on materials stored nearby.
Specific hazards:	none, non-combustible substance.
Personal protective equipment for firefighters:	use gas-tight protective clothing and individual breathing apparatus.
Other:	do not allow water to enter surface or groundwater after firefighting.

5. Procedure in case of accidental release to the environment

The released material can be collected with a normal vacuum cleaner and the waste can be disposed of in accordance with local regulations regarding waste management.

6. Storage

Handling the substance:	ensure air exchange. Proceed in accordance with the principles of good industrial practice and the general principles of health and safety at work with chemical substances. Do not empty into drains.
Storage:	store in a sealed container in a dry place.

7. Personal protective equipment

Control parameters (NDS, TWA, TWA): not established

It is recommended to equip the workplace with a water spray for rinsing the eyes and a shower. Personal protective equipment should be designed and manufactured in such a way as to exclude the risk and other inconveniences in the foreseeable conditions of use, protecting against chemicals.



Respiratory protection:	in case of tearing the bags, due to the possibility of dusting, it is recommended to use a dust mask
Eye protection:	necessary in case of tearing the bag - protective glasses
Hand protection:	is not necessary
skin protection:	is not necessary

8. Physical and chemical properties

Form:	solid
Color:	orange
Smell:	no smell
pH :	7.0+/-0.5
Boiling point:	not applicable
Melting point/freezing point:	not applicable
Temperature of self-ignition:	not applicable
Flash-point:	not applicable
Explosion limit:	not applicable
Bulk density:	approx. 610 - 670 g/dm ³
Solubility in water:	practically insoluble

9. Stability and reactivity

Reactivity:	the material is not reactive under normal environmental conditions
Chemical Stability:	the material is stable under normal storage and use conditions
Possibility of hazardous reactions:	no known hazardous reactions
Conditions to avoid:	no specific conditions known to be avoided
Incompatible materials:	no data
Hazardous decomposition products:	under normal storage conditions, hazardous decomposition of the product should not occur

10. toxicological information

Acute toxicity:	lack of information
Corrosion/irritation:	not classified as corrosive/skin irritant
Serious eye damage/eye irritation:	shall not be classified as causing serious eye damage or irritating to the eyes.



Skin or respiratory sensitisation	shall not be classified as a respiratory or skin sensitiser.
Summary of the evaluation of the CMR properties	shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant
Specific target organ toxicity - single exposure	shall not be classified as specific target organ toxicant (single exposure)
Specific target organ toxicity - repeated exposure	shall not be classified as specific target organ toxicant (repeated exposure)
Aspiration hazard	shall not be classified as an aspiration hazard.
Symptoms related to the physical, chemical and toxicological characteristics	
• In case of burning	no data available
• In case of contact with the eyes	no data available
• If inhaled	no data available
• In case of contact with the skin	no data available
Additional information:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Hazardous properties cannot be excluded, but are unlikely when used properly. If the sachet is damaged, inhalation of dusts should be avoided, as even inert dusts may cause respiratory impairment.

11. Ecological information

Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in the soil	no data available
vPvB assessment results	vPvB assessment has been carried out because a chemical safety assessment is not required / performed
Other harmful effects	no data available

12. Waste handling

Specialized companies should handle waste disposal. Disposable packaging should be treated as waste and handed over to the recipient of the waste. Method of disposal of collected waste should be disposed of in accordance with national and local regulations.



13. Transport information

Transport of dangerous goods by road, rail and inland waterways (ADR/RID/ADN) is not subject to the provisions of ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) not subject to IMDG regulations.

International Civil Aviation Organization (ICAO-IATA/DGR) not subject to ICAO-IATA regulations.

14. Regulatory information

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

EU Commission Regulation None of the ingredients are listed. No. 2015/830 amending Regulation (EC) No. 1907/2006 (REACH).

- Annex XIV - List of substances subject to authorisation. Substances of Very High Concern (SVHC). None of the ingredients are listed.
- Restrictions on the production, placing on the market and use of certain dangerous substances, preparations and articles. The product is intended for professional use only.

14.2. Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

14.3. Other informations

The product is free of DMF (SGS report No. TR1982489-RV1) and there are no hygienic contraindications for the sale of the product. The product is compliant with the EU RoHS directive, which has been confirmed by tests carried out by SGH Polska (SGS report No. TR 1982217-RV1 - front of the sachet; SGS report No. TR 1982488-RV1 - back of the sachet; SGS report No. TR 1982216-RV1 - filling).

15. Other informations

The above information is to the best of our knowledge at the time of publication and is believed to be correct, but is not exhaustive and should only be used as a guide for safe handling of the product for storage, processing, transport and disposal. The ABC-Z System EKO sc company is not responsible for any damage resulting from work or contact with the above product.

This safety data sheet has been developed on the basis of the safety data sheet provided by the manufacturer and/or online databases and in compliance with applicable regulations on hazardous chemical substances and preparations.