Rajz d.o.o. Sarajevo
Garovci 13
71240 Hadžići
Bosna i Hercegovina

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) and in accordance with Regulation (EU) amending Annex II 878/2020

Document No. STL-026	Issue: 2025-04	Date: 18.04.2025.
Product name: BT-FUGENFILLER		

SECTION 1: Identification of the substance/mixture and information on the manufacturer

1.1 Product identifier
Trade name: **BT-FUGENFILLER**

1.2 Relevant identified uses of the substance/mixture and uses advised against
It is intended for fine smoothing, smoothing joints in plasterboard, gluing plaster profiles and filling joints with bandage tape.

1.3 Details of the manufacturer/supplier
Manufacturer: Rajz d.o.o. Sarajevo, P.J. Fabrika boja i fasada BAUTREND
Address: Garovci 13, 71240 Hadžići
Contact: 033/420-140
Contact for STL: 033/420-221
e-mail: factory@bautrend.ba

1.4 Emergency telephone number
Ambulance: 124 (00-24)h

SECTION 2: Hazards identification

2.1 Classification of the mixture
According to the Chemicals Act ("Official Gazette of the Federation of Bosnia and Herzegovina", No. 77/20), and in accordance with Regulation (EC) No. 1272/2008 (CLP), the product is not classified as hazardous.

2.2. Label elements
Labels according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictograms: Void
Hazard indication: Void
Hazard indication: Void
Hazard indication: Void
Precautionary statements: Void

2.3 Other hazards
-The mixture does not meet the criteria for PBT or vPvB according to Annex XIII of the REACH Regulation (EC) No. 1907/2006.

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SECTION 3: Composition/information on ingredients

3.2. Mixture properties data
The mixture consists of gypsum, carbonate filler and additives.

Ingredients that contribute to the hazard of the product		
CAS: 7778-18-9 EINECS: 231-900-3	kalcijev sulfat, poluhidrat (CaSO4 x 1/2 H2O) A substance for which a specific occupational exposure limit value is provided.	65-70%

SECTION 4: First aid measures

4.1. Description of first aid measures
General instructions: No special measures required
After inhalation: Remove person to fresh air, seek medical attention if symptoms persist.
After skin contact: The product is generally not irritating to the skin.
After eye contact: Rinse opened eye for several minutes under running water.
After ingestion: Seek medical attention if symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media
The product is not flammable. Adapt extinguishing media to surrounding materials.

5.2. Special hazards arising from the substance or mixture
At very high temperatures (above 1000°C) corrosive CaO and SO3 are formed.

5.3. Advice for firefighters
None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Protective equipment: Wear suitable protective equipment to prevent contamination of skin, eyes and clothing. Prevent material from becoming dusty.
6.2. Environmental precautions
If the product is spilled into the environment, prevent it from entering waterways and sewers.
6.3. Methods and material for containment and cleaning up
Mechanically collect spilled material and reuse if possible. Avoid dust generation.
Dispose of collected material in accordance with legal regulations.
Allow wet material to harden before disposal and dispose of in accordance with regulations.
6.4. Reference to other sections
For more information, see sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Protective measures: Transport the product in closed bags (packaging). Ensure good ventilation when working in enclosed spaces.
Fire prevention measures: No special measures are required.
Measures to prevent the formation of aerosols and dust: When preparing to work with the product, first add water to the mixing container, then carefully tilt the bag with the product and slowly start mixing. Do not press empty bags.
Environmental protection measures: Keep bags tightly closed in a horizontal position in areas that are dry and clean. Keep away from drains.
Advice on general hygiene at the workplace: Do not eat, drink or smoke in the working area. Wash hands after each break in work.

7.2 Conditions for safe storage
Store in dry and well-ventilated areas. Keep bags tightly closed in a horizontal position, on pallets, protected from moisture. Do not expose to high temperatures (>25°C) or low temperatures (<0°C). Do not store together with reducing agents, heavy metal compounds, acids and alkalis.

7.3 Specific end use(s)
No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Monitoring parameters

Substance name	CAS number	Exposure Limit Values (ELV) mg/m³
Kalcijev sulfat, poluhidrat	7778-18-9	Respirable fraction: 4 Inhalation fraction: 10

Additional information: The regulations that were valid at the time of creation served as the basis.

DNEL:		
7778-18-9 **Kalcijev sulfat, poluhidrat**		
Oral:	Long-term action Short-term action Systemic - Long-term action Systemic - Short-term action	1.25 mg/kg bw/d (Consumer) 11.4 mg/kg bw/d (Consumer) 5.29 mg/m3 (Consumer) 21.17 mg/m3 (Worker)
Inhalation:		3,811 mg/m3 (Consumer) 5,082 mg/m3 (Worker)

PNEC water: Non-toxic.
PNEC sediment: Non-toxic.
PNEC soil: Non-toxic.
Wastewater drainage system: 10 mg/dm3

8.2 Exposure controls

The usual precautions for handling chemicals should be observed.

Personal protective equipment:

Respiratory protection:

Respiratory protection is required when dust is generated.

Hand protection:

Protective gloves according to EN ISO 374

Glove material: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material: The exact breakthrough time of the material can be found out from the manufacturer of the protective gloves and should be observed..

Body protection:

It is recommended to use quality work clothing that provides full protection and footwear that covers the entire foot.

Eye protection:
Use safety glasses with side shields.

Environmental exposure controls
Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid (powder)
Colour:	White
Odour:	Odourless
Melting point/freezing point, °C:	Not determined
Boiling point or initial boiling point:	Not determined
Flammability:	Non-combustible
Lower and upper explosion limits:	Not applicable to solids.
Flash point:	Not applicable to solids.
Autoignition temperature:	Not applicable to solids.
Decomposition temperature:	Not applicable as the mixture is not self-reactive and does not contain organic peroxides.
pH:	No data
Kinematic viscosity:	Not applicable, applies only to liquids.
Solubility:	Slightly soluble
Partition coefficient n-octanol/water:	Not applicable, does not apply in principle to mixtures.
Vapour pressure:	Not applicable
Density and/or relative density:	No data
Relative vapour density:	Not applicable, applies only to gases and liquids.
Particle properties:	No data

9.2 Other information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Under normal ambient conditions, this material is not reactive
10.2 Chemical stability
Under normal storage conditions, the product is chemically stable.
10.3 Possibility of hazardous reactions
Reacts violently with strong oxidants.
10.4 Conditions to avoid
Moisture during storage may cause loss of product quality.
10.5 Incompatible materials
No additional information available.
10.6 Hazardous decomposition products
Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) no. 1272/2008
The product has not been tested. The data is derived from the properties of individual components.
Acute toxicity:
Based on the available data, it is evident that the conditions for classification have not been met.

7778-18-9 **Kalcijev sulfat, poluhidrat**		
Oral	LD_{50}	> 2,000 mg/kg (Rat). Based on available data, the classification criteria are not met.
Inhalation	LC_{50} (4h)	>5 mg/m3 (Rat). Based on available data, the classification criteria are not met.

Skin corrosion/irritation:
Based on the available data, the conditions for classification are not met.
Serious eye damage or irritation
Based on the available data, the conditions for classification are not met.

Skin sensitization
Based on the available data, the conditions for classification are not met.
Mutagenic effect on germ cells
Based on the available data, the conditions for classification are not met.

Carcinogenicity
Based on the available data, the conditions for classification are not met.
Reproductive toxicity
Based on the available data, the conditions for classification are not met.
STOT – single exposure
Based on the available data, the conditions for classification are not met.
STOT – repeated exposure
Based on the available data, the conditions for classification are not met.

11.2 Other hazards
Endocrine Disrupting Properties: None of the ingredients are listed.

SECTION 12: Ecological information

12.1 Toxicity The product has not been tested. The data are derived from the properties of the individual components.

(Acute) aquatic toxicity	
7778-18-9 **Kalcijev sulfat poluhidrat**	
LC_{50} (96h)	> 1.970 mg/l (Riba - pimephales promelas)
LC_{50} (48h)	> 1.910 mg/l (Vodenbuha - ceriodaphnia dubia)
EC_{50}	> 790 mg/kg (Aktivni mulj organizmi)
EC_{50} (48h)	> 79 mg/l (Vodenbuha - daphnia)
EC_{50} (96h)	3.200 mg/l (Alga - navicula seminulum)
NOEC (21d)	360 mg/l (Vodenbuha - daphnia magma)

Not classified as hazardous to the aquatic environment.
12.2 Persistence and degradability
The inorganic product cannot be removed from water by biological treatment.
12.3 Bioaccumulative potential
Does not accumulate in organisms.
12.4 Mobility in soil
Not relevant, the inorganic product, after hardening, does not present a toxicological risk.
12.5 Results of PBT and vPvB assessment
PBT: This mixture does not contain any components at concentrations of 0.1% or more that are classified as persistent, bioaccumulative and toxic (PBT).

vPvB: This substance/mixture does not contain any components at concentrations of 0.1% or more that are classified as very persistent and very bioaccumulative (vPvB).

12.6 Endocrine Disrupting Properties

This mixture does not contain any components at concentrations of 0.1% or greater with endocrine disrupting properties.

12.7 Other Adverse Effects

No data available

12.8 Additional Information

None

SECTION 13: Disposal

13.1 Waste treatment methods

Do not dispose of together with municipal waste. Provide containers for waste collection and hand them over to specialized companies authorized for such work for disposal.

13.1.1 Product/packaging disposal:

In accordance with the Law on Waste Management ("Official Gazette of FBiH", No. 33/03) and the Regulation on Construction Waste, hardened material is treated as mixed construction waste with classification number 17 09 04 and gypsum-based construction materials with classification number 17 08 02.
Packaging residues are classified according to classification number 15 01 01 (cleaned paper bags can be recycled).

13.1.3 Information related to discharge into the sewer:

Waste should not be discharged into the sewer.

13.1.4 Other recommendations related to disposal:

Keep unused products and dirty packaging closed. Collect dry product residues and store in labeled containers. Use up to the expiration date or mix the residues with water, avoiding any contact with the skin and inhalation of dust. Allow wet product residues to set and dispose of according to regulations.

SECTION 14: Transport information

The product is not classified as dangerous goods under the provisions of the TDG.

14.1. UN number or identification number

Not assigned

14.2. UN proper shipping name

Not assigned

14.3. Transport hazard class
The product is not classified as dangerous goods (according to ADR/RID, IATA and IMDG). No special precautions are required.
14.4. Packing group
Not applicable
14.5. Environmental hazards
The product is not dangerous
14.6. Special precautions for user
Not required
14.7. Transport in bulk
Not applicable

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/specific legislation for the substance or mixture
EU regulations:
- Directive (EU) 2012/18
Listed dangerous substances by name - APPENDIX I
No ingredients are listed.
-Regulation (EU) 528/2012, on making available on the market and use of biocidal products
Data based on the recipe and information according to raw materials from the supply chain.
No ingredients are listed.
Other EU regulations:
- Regulation (EC) no. 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH) and the establishment of the European Chemicals Agency and on the amendment of Directive 1999/45/EC and the repeal of 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,
-Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directive 67/548/EEC and Directive 1999/45/EC and amending Regulation (EC) No. 1907/2006,
-Commission Regulation (EU) No. 878/2020 amending Annex II to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
National regulation:
- Chemicals Act ("Official Gazette of the FBiH, No: 77/20"),
- Law on General Product Safety ("Official Gazette of Bosnia and Herzegovina, No: 102/09"),
- Law on fire protection and firefighting ("Official Gazette of the FBiH, No: 64/09"),
-Law on Nature Protection ("Official Gazette of the FBiH, No: 66/13"),
- Environmental Protection Act ("Official Gazette of FBiH, No: 15/21"),
- Law on waste management ("Official Gazette of the FBiH, No: 33/03, 72/09 and 72/24"),
- Law on Occupational Safety ("Official Gazette of the FBiH, No: 79/20")
15.2 Assessment of chemical safety
This mixture has not been evaluated chemical safety.

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SECTION 16: Other Information

Abbreviations:
CLP: Classification, labeling and packaging
CAS: Chemical abstracts service
EINECS: European inventory of existing commercial chemical substances
GVI: Exposure limit values
DNEL: Derived No-Effect Level
PNEC: Predicted No-Effect Concentration
LD50: Lethal dose, 50%
LD0: Lethal dose 0% represents the dose at which no individuals are expected to die.
LC50: : Lethal concentration, 50%
STOT SE: Specific target organ toxicity, single exposure
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
TDG: Transport of Dangerous Goods
ADR: Agreements concerning the international carriage of dangerous goods by road
RID: Agreements concerning the international carriage of dangerous goods by rail
IATA: : International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
REACH: Registration, Evaluation and Authorization of Chemicals

Key literature and data sources:
- Regulation (EC) no. 1272/2008
-https://echa.europa.eu

Other information:
The information in this safety-technical sheet describes the safety requirements of our product and is in accordance with the currently valid regulations, and is based on all our previous knowledge. The manufacturer is not responsible for the use and performance of prescribed procedures by the user of the product. The given information ceases to be valid in case of combination with other materials that are not provided in the instructions for use.