

**LB MINERALS, s.r.o.**

Safety Data Sheet in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

Name of the product: Mineral Sorbent

Version **07.2**

Revision date: **May 2015**

SECTION 1. Identification of the Substance / Mixture and the Company / Undertaking**1.1. Product identifier**

Mineral Sorbent

Trade names: **BORCAT Standard, BORCAT Ultra, MICI, MICI nové, Borsan**

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

Use of the substance / preparation: The litter for home pets, the odor, liquid and hydrocarbons sorbent

1.2.1. Relevant identified uses: Private use.

1.2.2. Uses advised against: None

1.3. Details of the supplier of the safety data sheet

Supplier: manufacturer

E-Mail (competent person): msds@cz.lasselsberger.com

Information contact: minerals@cz.lasselsberger.com

1.4. Emergency telephone number:

Toxicology Information Centre (TIS) +420 224 919 293 (non-stop)

Na Bojišti 1, 128 08 Prague 2, ČR +420 224 915 402 (non-stop)

E-mail: tis@mbox.cesnet.cz

Available outside office hours?

Yes

No

SECTION 2. Hazards Identification**2.1. Classification of the substance**

2.1.1. Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]:

Mineral sorbent (respirable cristobalite fraction < 1% w/w)

This substance is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Dried Kieselguhr (respirable cristobalite fraction < 1% w/w)

No labelling required

2.3. Other hazards

No special remarkable hazards.

Please observe the information given in this safety data sheet.



Depending on the type of handling and use airborne respirable crystalline silica may be generated (silica, cristobalite)

SECTION 3. Composition / Information on Ingredients

3.1. Substance

Substance name: Mineral sorbent

Purity: The mixture of kieselguhr and clay soils containing minerals - kaolinite, montmorillonite, with a minimum content of kieselguhr 35%

Synonyms: *Litter, clay granulate, sorbent, mineral litter, clumping mineral litter*

Stabilisers: None.

Hazard impurities: None.

Additional information: None.

SECTION 4. First aid measures

4.1. Description of first aid measures

General notes

No adverse effects are expected during normal use of the substance, however if any effects do appear or in case of any doubt contact a physician and tell him information written in this safety data sheet.

Following inhalation

Move patient from contaminated area to fresh air. In case of persistent problems consult a physician. If dust inhalation is severe move operator to fresh air.

Following skin contact

Wash the skin with soap and water.

Following eye contact

Wash immediately, abundantly and thoroughly with water. If irritation persists, consult a physician

Following ingestion

Rinse mouth with plenty of water. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Breathing dust containing crystalline silica over a prolonged period of time may cause lung damage. Crystalline silica (Cristobalite) is a known cause of silicosis, a progressive, sometimes fatal lung disease.

4.3. Indication of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. Fire prevention measures should be chosen according to the environment.

Unsuitable extinguishing media: None.

5.2. Special hazards arising from the substance or mixture: None.

5.3. Advice for fire-fighters



In the event of a fire, wear self-contained breathing apparatus. The self-contained breathing apparatus may be required due to other agents, but is not required due to potential sorbent exposure.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Do not crush, avoid the formation and spread of dust in the air.

6.2 Environmental precautions

Avoid generating airborne dust. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Broken bags should be taped over or covered with recuperative (slip over) bags.

6.4. Reference to other sections

Refer to sections 8 and 13

SECTION 7. Handling and Storage

7.1. Precautions for safe handling

Protective measures

Avoid dust formation and dust accumulation in enclosed space. Use personal protective equipment when handling the substance. Avoid contact with eyes.

Advice on general occupational hygiene

Avoid formation and swirling of dust. After work, wash your hands or use a mild skin cream, the material dries the skin.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place protected from moisture. The product can be stored indefinitely when the conditions are followed.

7.3. Specific end Use(s)

Worse case exposure scenarios for humans and the environment are attached in Annex I of this safety data sheet. If you require the advice on the specific application, please contact the supplier.

SECTION 8. Exposure controls / Personal protection

8.1. Control parameters

8.1.1. Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring

8.1.1.1. Occupational exposure limits

Substance: Quartz		CAS No: 14808-60-7
Country of origin	Occupational exposure limit value	
Belgium, Denmark, US, France, Portugal, Italy, Sweden, Norway, Greece	0.10 (RD)	
Netherlands	0.075 (RD)	
Germany, Switzerland, Austria	0.15 (FD)	
Finland	0.20 (FD)	
Bulgaria	0.07	
CIS	1.0	
Czech	0.1	
Slovakia	1	
Ireland	0.40 (RD)	
United Kingdom	0.30 (RD)	

RD: Respirable dust

FD: Fine dust



Substance: Cristobalite CAS No: 14464-46-1	
Country of origin	Occupational exposure limit value
Belgium, Denmark, US, France, Portugal, Italy, Sweden, Norway, Greece	0.05 (RD)
Netherlands	0.075 (RD)
Germany, Switzerland, Austria	0.15 (FD)
Finland	0.10 (FD)
Bulgaria	0.07
CIS	1.0
Czech	0.1
Slovakia	1
Ireland	0.40 (RD)
United Kingdom	0.30 (RD)

RD: Respirable dust

FD: Fine dust

Biological limit values: None.

8.1.2. Recommended monitoring procedures: None**8.1.3. Occupational exposure limits and/or biological limits for air contaminants:** Not applicable**8.2. Exposure controls**

Refer to Section 7

8.2.1 INDIVIDUAL PROTECTION MEASURES SUCH AS PERSONAL PROTECTIVE EQUIPMENT**Respiratory protection:** If dust is raised a respirator is recommended.**Hand protection:** Wear suitable hand protection depending on nature of the task.**Eye protection:** Use safety goggles (according to the nature of work performed), do not use contact lenses when working with this product.**Skin and body protection:** Wear suitable work clothing**8.2.2 ENVIRONMENTAL EXPOSURE CONTROLS**

Dispose of waste in accordance with local and national regulations.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state:** Solid**Colour:** Beige, gray-beige, light gray**Odour:** Odourless

	Value
pH (water infusion; 20 °C):	9 – 10,5
Melting point/range (°C):	Not applicable
Boiling point/range (°C):	Not applicable based on melting point
Flash point (°C):	Not applicable for inorganic substances
Flammability (auto-ignition temperature):	Not flammable
Upper/ lower flammability or explosive limits:	Not applicable
Vapour pressure (Pa):	Not applicable based on melting point
Relative density:	Not established
Water solubility (20°C in g/L):	Insoluble (apart from Hydrofluoric acid)
Partition coefficient n-Octanol/Water (log Po/w):	Not applicable
Viscosity (cps):	Not applicable for solids
Decomposition temperature:	Not applicable
Explosive properties:	No explosive properties predicted from the structure
Oxidising properties:	No oxidising properties predicted from the structure



9.2. Other information: None

SECTION 10. Stability and Reactivity

10.1. Reactivity: Stable under recommended storage conditions

10.2. Chemical stability: The product is chemically stable

10.3. Possibility of hazardous reactions: May react violently with Hydrofluoric acid.

10.4. Conditions to avoid: None.

10.5. Incompatible materials: Hydrofluoric acid- products

10.6. Hazardous decomposition products: None.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Specific symptoms in animal studies (possible way of the exposure):

Ingestion:

In animal studies, after oral exposure were not observed any acute or long-term effects.

Skin contact:

In animal studies, after oral exposure were not observed any acute or long-term effects.

Eye contact:

May mechanically irritate the eyes.

According to many years of experiences there were no negative health effects if during the handling with the product were followed usual hygienic requirements.

SECTION 12. Ecological information

12.1. Toxicity Not relevant

12.2 Persistence and degradability

Abiotic Degradation

Not applicable. The substance is inorganic and does not undergo any abiotic degradation.

12.3 Bio accumulative potential

Not applicable

12.4 Mobility in soil

Not applicable

12.5 Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

No specific adverse effects known

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Maybe disposed of in a non-hazardous sanitary landfill when not mixed with a hazardous substance. Dispose of in accordance with local regulations.



Methods of disposing of contaminated packaging: Paper sacks, plastic shrink-wrap and nylon bags must be recycled using a waste processing company.

Legal regulations on packaging: According to appropriate national legislation.

SECTION 14. Transport information

14.1. UN number

Not relevant

14.2. UN proper shipping name

Not relevant

14.3. Transport hazard class

ADR: Not classified

IMDG: Not classified

ICAO/IATA: Not classified

RID: Not classified

14.4. Packaging group

Not relevant

14.5. Environmental hazards

Not relevant

14.6. Special precautions for users

No special precautions

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

Please, transport the product in common clean vehicles protected from the weather.

SECTION 15. Regulatory information

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

EEC: Directive 67/548 relating to the classifying, packaging and labeling of dangerous substances

Symbols: none

R phrases:

S phrases: S22 – Do not breathe dust

SECTION 16. Other information

16.1 Indication of changes

Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

Version 07.1 - Change of trade names

Version 07.2 – section 2.1.2 - removed

16.2 Training advice

According to appropriate national legislation. Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

16.3 Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be



transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

16.4 Third party material

Insofar as materials not manufactured or supplied by LB MINERALS, s.r.o., are used in conjunction with, or instead of LB MINERALS, s.r.o, materials, it is the responsibility of the customer himself to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of LB MINERALS, s.r.o., Kieselguhr in conjunction with materials from another supplier.

The end of the safety data sheet