

**Material Safety Data Sheet**

According to EU Regulation 1907/2006 in the current version

Date 11/20/2015

Version 2.0

MAGNESIUM STEARATE**1. Identification of the substance/preparation and the company**

Trade name: Magnesium stearate
Utilization: Ingredient for cosmetic products
Supplier company: Ekokoza s.r.o.
identification: Fryčovice 297, 73945, Fryčovice IČ: 07508247, eshop@ekokoza.cz, tel 605779993
Emergency: Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/denně)
Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)

2. Hazards Identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008: The substance is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: not applicable

Information concerning particular hazards for human and environment:

No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void. Signal word Void. Hazard statements Void.

2.3 Other hazards

Results of PBT and vPvB assessment: PBT: Not applicable. vPvB: Not applicable

3. Composition / Information on ingredients

Chemical characterisation: Substances

INCI-name: Magnesium stearate

CAS-number: 557-04-0

EINECS-no: 209-150-3

4. First Aid**4.1 Description of first aid measures**

General information: If symptoms persist or in case of doubt, seek medical advice.

After inhalation: Supply fresh air; consult a doctor in case of pain.

After skin contact: Wash with water and soap and rinse with plenty of water. Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Rinse out mouth and then drink plenty of water. If symptoms occur or after swallowing larger quantities, consult a doctor.

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: Symptomatic treatment

5. Fire-fighting Measures**5.1 Extinguishing media**

Suitable extinguishing agents: Foam, Carbon dioxide (CO₂), Fire-extinguishing powder, Water haze. Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents: No data available

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: Carbon monoxide (CO), Carbon dioxide (CO₂), Metal oxides

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5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust. Ensure adequate ventilation. Wear protective clothing. Keep away from ignition sources.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up: Moisten product by spraying and pick up mechanically.

Avoid any dust formation. Pick up with a tested and approved industrial vacuum cleaner if necessary. Ensure adequate ventilation. Make sure to recycle or dispose of in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and Storage

7.1 Precautions for safe handling

Any deposit of dust which cannot be avoided must be regularly removed. No special measures required.

Prevent formation of dust.

Information about protection against explosions and fires: Dust may combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Observe the general rules of industrial fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Requirements to be met by storerooms and receptacles: Store at ambient temperatures and under dry conditions. Information about storage in one common storage facility: Store away from oxidising agents. Store away from acids. Further information about storage conditions: Keep receptacle tightly sealed. Protect from heat (steam pipes, radiators etc.), open flames, other ignition sources and direct sunlight.

Storage class: 11 Combustible solids

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

8. Exposure Controls and Personal Protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace: Not required

Additional Occupational Exposure Limit Values for possible hazards during processing: Observe general threshold limit for dust. Additional information: The lists that were valid during the creation were used as basis.

8.2 Exposure controls

General protective and hygienic measures: The usual precautionary measures should be adhered to when handling chemicals. Vacuum contaminated clothing. Do not blow or brush off contamination. Wash hands before breaks and at the end of work.

Breathing equipment: Not necessary if room is well-ventilated. At formation of dust: Short term filter device: P1

Protection of hands: At longer contact: protective gloves. To avoid skin problems reduce the wearing of gloves to the required minimum. After use of gloves apply skin-cleaning agents and skin cosmetics.

The glove material has to be impermeable and resistant to the product/substance/preparation.

Due to missing tests no recommendation to the glove material can be given for the product / preparation / chemical mixture. Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation. Material of gloves: For undissolved solid substances following materials may be suitable: Butyl rubber, BR; Nitrile rubber, NBR; Polychloroprene rubber (CR); Fluorocarbon rubber (FKM). 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

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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 penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: At formation of dust or insufficient ventilation: Tightly sealed goggles.

Body protection: Protective work clothing



9. Physical and Chemical Properties

Appearance:	powder
Colour:	white
Odour:	nearly odourless
Melting point:	~ 140 °C (Kofler-Bank)
Density at 20 °C:	1.03 g/cm ³ (DIN 53 243)
Flash point:	not applicable
Solubility:	insoluble in water
Auto-ignition temperature:	not determined
Flamability:	not flammable
Explosive properties:	not explosive, explosion limits - lower: ~ 30 g/m ³

10. Stability and Reactivity

10.1 Reactivity: No relevant information available

10.2 Chemical stability: Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat. No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions: As the product is supplied it is not capable of dust explosion. However, enrichment with fine dust causes risk of dust explosion.

10.4 Conditions to avoid: No further relevant information available

10.5 Incompatible materials: Strong oxidants

10.6 Hazardous decomposition products: No hazardous decomposition products if instructions for storage and handling are followed

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity: LD/LC50 values that are relevant for classification: No toxicity data are available for the product itself.

Primary irritant effect: on the skin: No irritating effect. on the eye: Eye irritation is possible after mechanical influence (dust).

On respiratory tract: No data available. Sensitisation: No sensitising effects known,

Other information (about experimental toxicology):

Carcinogenic, mutagenic effects and adverse effects on reproduction: No data available

Subacute to chronic toxicity:

STOT-single exposure No classification. STOT-repeated exposure: No classification

Aspiration hazard: Not relevant.

Additional toxicological information: The substance is not subject to classification according to the latest version of the EU lists.

12. Ecological Information

12.1 Toxicity

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Aquatic toxicity: Presently there are no ecotoxicological values available.

12.2 Persistence and degradability: No further relevant information available

12.3 Bioaccumulative potential: Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

12.4 Mobility in soil: No further relevant information available

Additional ecological information: General notes: Not hazardous to water. Classification according to appendix 3 of VwVwS (German regulation)

12.5 Results of PBT and vPvB assessment: PBT: Not applicable. vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available

13. Disposal Considerations

13.1 Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste. Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.

Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.

14. Transport Information

General recommendations: Not classified as a dangerous good under transport regulations.

UN no: not classified

Road (ADR/RID): not classified

Air (IATA/ICAO): not classified

Sea (IMDG): not classified

Special precautions for user: See section 6-8

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC: not defined

15. Additional Regulatory Information

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

Water hazard class: Generally not hazardous for water

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.

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