
Green Stuff Material Safety Data Sheet

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according 91/155/EWG

Date/revised: 1.10.2003

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1. Identification the product and the company

Product name: Green Stuff Magic Powder Art. 69 70 10
Intended Use: Binder for chemicals / based on polymers

Company: Green Stuff Absorbent Products GmbH
Robert – Bosch – Straße 2
D-67269 Gruenstadt
GERMANY

Tel: +49 6359 961 927
Fax: +49 6359 961 929

Emergency telephone number: during working hours:
Green Stuff Absorbent Products GmbH
Outside working hours:
Emergency Number +49-(0)6131-19240

2. Composition/information on components

Chemical characterization:
Description: Sodium Polyacrylate, crosslinked
Diatomaceous earth

3. Hazards identification

Hazards identification: not necessary
Special hazard information for users and environment: not necessary

4. First aid measures

General advice: remove spilt clothes.
After inhalation: fresh air, if symptoms persist seek medical advice.
After skin contact: wash away with plenty of water and soap.
After eye contact: Flush with plenty of water for at least 10 min. – seek medical attention
Ingestion: Rinse mouth with water.

5. Fire-fighting measures

as extinguishing media use:
water spray, or powder -extinguisher,
Chemical binder is swelling.
do not use:
CO₂ – Extinguisher because of danger of possible dust explosion.
At a fire there could be exposed: Gas / vapours
Danger depends on burning of substances and circumstances of fire itself.

Protections:
Air-fed respiratory protective equipment should be worn if vapour concentrations are higher than occupational exposure limits.

Further remarks:
Contaminated water must be disposed according to national regulations.

6. Accidental release measures

Personal protection:

wear dust-filter-mask.

Environmental protection measures:

Do not allow product to enter water supply or drains without pre-cleaning (biol. cleaning fac.)

Avoid breathing dust.

Measures of cleaning:

Collect with dust binding equipment and dispose.

7. Handling and storage

Handling:

At filling of bigger quantities in places without ventilation equipment, wear dust filter mask.

Remarks for a safe handling:

Avoid dust and the formation of dust.

Protection in case of fire and explosion:

Product contains flammable polymers. Fire-fighting procedures must be followed.

Take measures against static electricity

Storage:

Keep container closed, to be stored at a dry place.

Product is hygroscopic.

VCI – Storage class: 11

8. Exposure controls and personal protection

Additional advice for structuring of technical equipment.

see chapter 7.

Components with workplace related being watched limits of values.

Recommendation:

As industrial standard a limit concentration of <0,05 grs. breathable polymeric dust per cbm air is recommended. (particle size max. 10 micrometers)

Personal protective equipment:

Respiratory protection: By occurring of breathable dust wear dust-filter-mask.

Hand protection: Wear protective gloves.

Eye protection: Wear goggles.

Body protection: Wear suitable working clothes.

General protection and hygiene measures.

For the use with other chemicals mind usual precautionary measures for those!

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9. Physical and chemical properties

Form: Granule

Color : grey-brown

Odor: none

Flashpoint: > 100°C (DIN 51758)

Explosive dangers: dust explosion might be possible.

Ignition temperature: > 200°C (DIN 51794)

Bulk density: ca. 500 kg/m³

Solubility in water: (20°C) insoluble, swellable.

pH-Value:(at 1 g/l, 20°C) in 0,9% NaCl-solution approx pH 6

Further remarks: Product is hygroscopic.

10. Stability and reactivity

Keep dry, store on dry place

Dangerous reactions: dust explosion might be possible.

Dangerous components: none

11. Toxicological information

This statement is deduced from other products that structure is similar.

Acute Toxicity

LD50 (oral/rat): > 2000mg/kg

LD50 (dermal/rat): >2000mg/kg

Primary skin irritation effect (rabbit/OECD 404): non irritating

Primary mucous membrane effect (rabbit eye/OECD 405): non irritating

Does not show sensibilisation effects.

12. Ecological information

Information to elimination:

Because of its small solubility in water the product will be separated in biological purification plants mechanically.

Behaviour in environmental compartments:

Caused by consistence of the product there is no disperse distribution into the environment possible.

By present state of information there are no negative ecological effects to be expected.

13. Disposal Considerations

Disposal of product and packaging according to agreements with local requirements. Of course the chemicals absorbed in this product might be much more hazardous than the product itself.

Uncleaned packagings.

Uncontaminated packagings can be reused.

Uncleanable packagings must be disposed the same way as the to be disposed material.

14. Transport information

No dangerous goods in accordance with national legislation, ADR for road transport, RID for railway and IDMG for sea transport.

15. Regulatory information

Labelling in accordance with national/ EU-legislation:

Labelling not required

Follow National regulations.

16. Other Information

The information contained in this safety data sheet is based on the present state of knowledge and meets current national and EU legislation.

This safety data sheet provides guidance on health, safety and environmental aspects and should not be constructed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

In case of requests

Mr. Engelhardt ++49 6359 8004 45

Mr. Otte ++49 6359 8004 84

Issuing department

Lab - JO
