

Safety Data Sheet



according to Regulation (EC) 1907/2006 (REACH) and
Regulation (EU) 2020/878

Trade name: *BoxDryy MgCl₂ / MgO*
Revision date: *22.10.2024*
Replaces version dated:*
Print date: *25.10.2024*

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name / designation: *BoxDryy MgCl₂ / MgO*

Index No.: *Not applicable*
EC No.: *Not applicable*
CAS No.: *MgCl₂ 14989-29-8 / MgO 1309-48-4 / High molecular polymer 9003-04-8*

REACH No.: *Not applicable*
Other means of identification: *Not applicable*

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

Relevant identified uses: *Desiccant*

Uses advised against: *Not intended use*

1.3 Details of the supplier of the safety data sheet

Name: *ThoMar OHG*
Address: *Basedower Weg 10, DE - 21483 Lüttau*
Information contact:
Phone: *+49(0)4153-55900-00*
Fax: *+49(0)4153-55900-99*
E-Mail: *sds@thomar.de*

1.4 Emergency Telephone Number

Phone: *+49(0)4153-55900-50*
Office hours: *Monday - Thursday: 08:00-17:00 / Friday: 08:00-16:00*
Language: *German, English*

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]: *Not a hazardous substance or mixture.*

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: *Not applicable*

Hazard pictograms:
Signal word: *Not applicable*
Hazard components for labeling: *Not applicable*
Hazard statements: *Not applicable*

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Precautionary statements:

Not applicable

Additional labelling: *Not applicable*

2.3 Other hazards

Information on whether the substance or mixture meets the
criteria for PBT or vPvB

PBT: *Not applicable*

vPvB: *Not applicable*

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name: *Mixture: MgCl₂ + MgO + high molecular polymer*
CAS No.: *MgCl₂ 14989-29-8 / MgO 1309-48-4 / High molecular polymer
9003-04-7*

REACH No.: *Not applicable*

Hazard impurities: *Not applicable*

3.2 Mixtures

Hazardous ingredients: *Not applicable*

Content ration: *Not applicable*

CAS No.: *Not applicable*

REACH No.: *Not applicable*

Classification according to Regulation (EC) No 1272/2008
[CLP]: *Not applicable*

Hazardous ingredients: *Not applicable*

Content ration: *Not applicable*

CAS No.: *Not applicable*

REACH No.: *Not applicable*

Classification according to Regulation (EC) No 1272/2008
[CLP]: *Not applicable*

Hazardous ingredients:

Content ration:

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CAS No.:
REACH No.:
Classification according to Regulation (EC) No 1272/2008
[CLP]:

For the wording of the listed hazard warnings refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation: *Information not available*

Following skin contact: *Information not available*

Following eye contact: *In case of contact with eyes, immediately rinse with water for at least 15 minutes; consult doctor if discomfort still exists.*

Following ingestion: *Drink plenty of water; consult doctor immediately if feeling unwell.*

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: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: *No special fire extinguishing agent needed*

Unsuitable extinguishing media: *No further information available.*

5.2 Special hazards arising from the substance or mixture

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No further information available.

5.3 Advice for fire-fighters

*Product is nonflammable, but the packaging material may
produce harmful.
No special fire extinguishing agent needed.*

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

*Nontoxic to the environment, no special protection needed.
See section 8 for personal measures.*

6.2 Environmental precautions

Nontoxic to the environment. No special protection needed

6.3 Methods and material for containment and cleaning up

*Separate the contaminated area and restrict access, carefully
and put into another bag, transfer to a safe place or dispose in
a waste facility .
Dispose contaminated material as waste according to item 13.*

6.4 Reference to other sections

*See section 7 for safe handling information.
See section 8 for information about personal protective
equipment.
See section 13 for disposal information.*

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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Fire preventions:

Unavailable

Aerosol and dust generation preventions:

*Do not open/destroy the product. Thorough dedusting.
Prevent formation of dust.*

Environmental precautions:

Ensure good ventilation/exhaustion at the workplace.

Advice on general occupational hygiene:

See Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

*Store in a cool, ventilated warehouse. Package container must
be sealed to keep away from moisture.
Do not pool any volatile substances, acid, alkali, and salt.*

Requirements for storage rooms and vessels:

*Store in a cool, ventilated warehouse. Package container must
be sealed to keep away from moisture.
Do not pool any volatile substances, acid, alkali, and salt.*

Storage class:

*Not relevant**

Specific end uses

industry- or sector-specific guidance :

No further information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits and biological limit values:

No further information available.

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8.2 Exposure controls

Appropriate engineering controls: *General ventilation or local exhaust ventilation.*
Personal protective equipment:
Eye / Face protection: *Wear safety goggles*
Skin protection: *Wear rubber gloves. Wear protective clothing. Change work clothes regularly.*
Respiratory protection: *Closed-loop operation, increase air-flow. Operators must receive special training and follow the operation instruction.*
Self-inhalation filter type dust respirator is recommended when operating to avoid dust; gently load and unload to prevent damaging the package or container
Thermal hazards: *Not necessary*
Environmental exposure controls: *Not necessary*

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (Form/Colour): *powder white*
Odour: *Odourless*
Odour threshold: *Not determined*
pH-value at 20 °C: *Not determined*
Melting point/freezing point: *Not applicable*
Boiling point/Boiling range: *Not applicable*
Flash point: *Not applicable*
Evaporation rate: *Not applicable*
Flammability (solid, gaseous): *Non combustible*
Upper/lower flammability or explosive limits: *Not determined*
Vapour pressure: *Not applicable*
Vapour density: *Not applicable*
Relative density: *Not applicable*
Solubility(ies): *Not determined*
Partition coefficient: *Not determined*
n-octanol/water: *Not determined*
Auto-ignition temperature: *Not determined*
Decomposition temperature: *Not determined*
Viscosity: *Not applicable*
Explosive properties: *Not determined*

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Oxidising properties: *Not determined*

9.2 Other information

No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is chemically stable under standard conditions.

10.2 Chemical stability

Chemically stable under ordinary conditions.

10.3 Possibility of hazardous reactions

Unknown

10.4 Conditions to avoid

Unknown

10.5 Incompatible materials

Mixture of bromine trifluoride, carbonate acid and lime

10.6 Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: *Based on available data, the classification criteria are not met.**

LD/LC50 values that are relevant for classification:

No further information available

No further information available.

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| | |
|---|--|
| Skin corrosion/irritation: | Contact with skin may cause skin dehydration and crack. |
| Eye damage/irritation: | Base on available data, the classification criteria art not met. |
| Sensitisation to the respiratory tract/skin: | Dust inhalation may cause respiratory diseases. |
| Germ cell mutagenicity: | Based on available data, the classification criteria are not met.* |
| Carcinogenicity: | Based on available data, the classification criteria are not met.* |
| Reproductive toxicity: | Based on available data, the classification criteria are not met.* |
| Specific target organ toxicity (single exposure): | Based on available data, the classification criteria are not met.* |
| Specific target organ toxicity (repeated exposure): | Based on available data, the classification criteria are not met.* |
| Irritation to respiratory tract: | Based on available data, the classification criteria are not met.* |
| Symptoms related to the physical, chemical and toxicological characteristics: | No further information available. |
| Additional toxicological information: | |
| Repeated dose toxicity | No further information available. |
| 11.2. Information on other hazards* | |
| Endocrine disrupting properties | None of the ingredients is listed. |

SECTION 12: Ecological information

12.1 Toxicity

No further information available

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12.2 Persistence and degradability

No further information available.

12.3 Bioaccumulative potential

No further information available.

12.4 Mobility in soil

No further information available.

12.5 Results of PBT and vPvB assessment

PBT: *Not applicable*

vPvB: *Not applicable*

12.6 Endocrine disrupting properties

*The product does not contain substances with endocrine disrupting properties.**

12.7. Other adverse effects*

*No further information available.**

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / Packaging disposal: *Must be recycled or disposed of according to the regulations.*

Waste codes / waste designations according to EWC / AVV:

*In accordance with local and national regulations
No waste code number according to the European Waste List
can be defined for this product, as only the intended use by
the consumer allows an allocation.*

Waste treatment options:

No further information available.

Other disposal recommendations:

No further information available.

SECTION 14: Transport information

14.1 UN No.

not regulated

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14.2 UN Proper shipping name

ADR/RID: *not regulated*

IMDG-Code / ICAO-TI / IATA-DGR: *not regulated*

14.3 Transport hazard class(es)

not regulated

14.4 Packing group

Not applicable

14.5 Environmental hazards

Hazard label(s): *Not applicable**

14.6 Special precautions for user

*Not applicable**

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

Not applicable

SECTION 15: Regulatory information

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

Not applicable

National regulations

Water hazard class:

Not classified

15.2 Chemical Safety Assessment:

A Chemical Safety Assessment has not been carried out

SECTION 16: Other information

16.1 Indication of changes

marked with an asterisk

16.2 Abbreviations and acronyms:

ADR *European Agreement concerning the International Carriage of
Dangerous Goods by Road*

CAS *Chemical Abstracts Service (division of the American Chemical
Society)*

CLP *Classification, Labelling and Packaging of Chemicals*

IATA-DGR *International Air Transport Association*

IBC-Code *International Code for the Construction and Equipment of
Ships carrying Dangerous Chemicals in Bulk*

ICAO-TI *Technical Instructions For The Safe Transport of Dangerous
Goods by Air*

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IMDG *International Maritime Code for Dangerous Goods*
LC50 *Lethal concentration, 50 percent*
LD50 *Lethal dose, 50 percent*
MARPOL *International Convention for the Prevention of Pollution from Ships*
PBT/vPvB *Persistent, bioaccumulative and toxic /very persistent and very bioaccumulative*
RID *Regulations Concerning the International Transport of Dangerous Goods by Rail*
GisChem *<https://ssl.gischem.de/gemischrechner/index.htm>*

16.3 Key literature references and sources for data

GisChem, Vendor data sheet

16.4 Classification for mixtures and used evaluation method according to regulation (EC)

GisChem, Vendor data sheet

16.5 Relevant R-, H- and EUH-phrases (number and full text)

Not applicable

16.6 Training advice

Not intended

16.7 Further information