

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date 15.01.2025

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Version 2

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

1.1 Product identifier

1.2 Relevant identified uses of the substance or mixture and uses advised against ZC.600405

Generic name MAGNESIUM SULFATE HEPTAHYDRATE , Bp, Ph Eur, Usp (for Table water)

REACH No. There is not registration

CAS No. 10034-99-8

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

Relevant identified uses Extra Pure Food Grade, For table water, laboratory & industrial uses.

Use of the substance / mixture

Uses advised against

Details of the supplier of the safety data sheet

Name Zinckon Universal GmbH

Street Akademiestraße 38-40, 76133 Karlsruhe, Germany

Telephone +4917682176530

E-mail info@zinckon.com

Company Representative Mr. Krish tofer

SECTION 2: Hazards identification

Classification of the substance or mixture

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

Full text of R-, H- and EUH-phrases: see section 16.

according to Regulation (EC) No. 1907/2006 (REACH)

Article No (user)

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2.2 Label elements

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

*Hazard pictograms**Signal word**Hazard Statements**Precautionary Statements*

Prevention

Response

Storage

2.3 Other hazards

SECTION 3: Composition/information on ingredients

Substances

Formula MgSO₄·7H₂O

EC No. 232-089-9

Molar mass 246,48 g/mol

<u>Characteristic</u>	<u>CAS No</u>	<u>EC No</u>	<u>Concentration</u>	<u>Classification</u>
Magnesium sulphate heptahydrate	10034-99-8	232-089-9	>=100	Food Grade, FCC

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible)..
Following inhalation	Provide fresh air..
Following skin contact	Subsequently wash off with..
Following eye contact	In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist..
Following ingestion	Do not Give nothing to eat or drink..

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

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No information available..

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures appropriate to the environment..

Unsuitable extinguishing media

Water spray jet.

5.2 Special hazards arising from the substance or mixture

not flammable..

5.3 Advice for firefighters

Special protective equipment for firefighters

Use suitable breathing apparatus..

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water..

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment..

6.2 Environmental precautions

Do not allow to enter into surface water or drains..

6.3 Methods and material for containment and cleaning up

Clear contaminated areas thoroughly.. Ventilate affected area..

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately..

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Observe label precautions.

Measures to prevent fire

Advices on general occupational hygiene

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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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7.3 Specific end uses

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

No information

8.2 Exposure controls

Appropriate engineering controls

Fresh air (open windows and doors) is necessary..

Personal protection equipment

Eye/face protection

Safety glasses

Hand protection

Full contact

Glove material : Nitrile rubber

Glove thickness : 0,11 mm

Break through time : >480 minute

Splash contact :

Glove material : Nitrile rubber

Glove thickness : 0,11 mm

Break through time : >480 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standart EN374

Other skin protection

Protective chlothing

Respiratory protection

Required when dusts are generated

Recommended filter type : P1 filter

Environmental exposure controls

See section 7. Additional information about obligations under the common European environment protection regulations:.

SECTION 9: Physical and chemical Properties

Information on basic physical and chemical properties

Physical state	Solid
Colour	white
Odour	odourless
Odour threshold	No information
pH value	5-8 50 g/l 20 °C
Melting point/freezing point	No information
Freezing point	No information
Initial boiling point and boiling range	No information
Flash point	No information

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Evaporation rate	No information
Flammability (solid, gas)	Not flammable °C
Upper/lower flammability or explosive limits	No information
Upper/lower flammability or explosive limits	No information
Vapour pressure	No information
Vapour density	No information
Density	No information
Relative density	No information
Water solubility (g/l)	No information °C
Fat solubility (g/l)	No information °C
Partition coefficient: n-octanol/water	No information
Auto-ignition temperature	No information
Decomposition temperature	No information

Viscosity

Kinematic viscosity	No information
Dynamic viscosity	No information
Explosive properties	Not classified as explosive
Oxidising properties	No information

SECTION 10: Stability and Reactivity**10.1 Reactivity**

Section 10.3 to see.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature..

10.3 Possibility of hazardous reactions

No information

10.4 Conditions to avoid

Not information.

10.5 Incompatible materials

Not information..

10.6 Hazardous decomposition products

No known hazardous decomposition products..

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

No information

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11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity

No information

12.2 Persistence and degradability

No information

12.3 Bioaccumulative potential

No information

12.4 Mobility in soil

No information

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB

12.6 Other adverse effects

Discharge into environment must be avoided

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. It was to proceed as their products uncleaned packaging.

SECTION 14: Transport information

Land transport (ADR/RID)

UN number

Not dangerous good

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for

Tunnel restriction code

Inland waterway transport (ADN)

Limited quantity (LQ)

Special Provisions

Category

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Air transport (ICAO-TI / IATA-DGR)

UN number Not dangerous good

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for
.....

Sea transport (IMDG)

UN number Not dangerous good

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for
.....

SECTION 15: Regulatory information

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

No information

Chemical Safety Assessment

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SECTION 16: Other information

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