
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: MAGNESIUM SULFATE HEPTAHYDRATE
- Synonyms: Epsom salt pure, technical, fine crystalline, chemically pure

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

- Use of the substance/mixture: Industrial use

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Fizzywhiz
- Address of Supplier: 23 Maritime Enterprise Park , Atlas Rd , Bootle, L20 4DY
- Telephone: 01519220041
- Email: info@fizzywhiz.com

1.4 Emergency telephone number

- Emergency Telephone: 01519220041
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not Classified - CHIP:

2.2 Label elements

- Hazard statements
Not applicable as a none hazardous substance
- Precautionary statements Not applicable

2.3 Other hazards

- No further relevant information available.
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SECTION 3 Composition/information on ingredients

3.1 Substances

- Magnesium Sulfate Heptahydrate CAS
Number: 10034-99-8
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SECTION 4 First aid measures

4.1 Description of first aid measures

- General Information
 - Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing
 - Ingestion
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
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SECTION 4 First aid measures (...)

- Contact with skin
Wash skin with plenty of water
- Contact with eyes
Rinse eyes with water as a precaution

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 -

- Treat symptomatically
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Water spray
- Dry powder
- Foam

5.2 Special hazards arising from the substance or mixture

- Toxic fumes may be released

5.3 Advice for firefighters

- Do not attempt to take action without suitable protective equipment.
 - Self contained breathing apparatus
 - Wear suitable protective clothing
 - Do not allow run-off from fire fighting to enter drains or water courses
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ventilate area of leak or spill
- Do not attempt to take action without suitable protective equipment.
- Information regarding personal protective measures see, section 8

6.2 Environmental Precautions

- Do not allow to enter sewers/ surface or ground water

6.3 Methods and material for containment and cleaning up

- Remove by mechanical means
- Dispose of contaminated material as waste according to section 13

6.4 Reference to other sections

- Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.
 - See Section 7 for safe handling
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace.
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- Wear personal protective equipment
- Do not eat, drink or smoke when using the product - Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- P403 - Store in a well-ventilated place. - P235 - Keep cool.

7.3 Specific end use(s)

SECTION 7 Handling and storage (....)

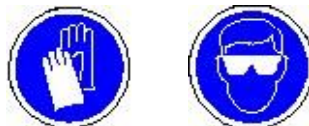
- See Section 1.2
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- No further relevant information available.

8.2 Exposure controls



- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines
 - If ventilation is insufficient wear dust mask or chemical respirator whichever is appropriate
 - Wear protective gloves
 - Wear tightly fitting safety goggles/ faceshield.
 - Wear suitable protective clothing
 - Avoid release to the environment
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical State: Solid
- Appearance: Crystalline powder
- Colour: White
- Odour: None to slight
- pH: 8 (25 deg C; aqueous solution)
- Melting point/Range: 770 °C
- Density: Density 1.7 g/cm³
- Solubility in water: Water solubility 342 g/l

9.2 Other information

- Bulk density 980 kg/m³
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SECTION 10 Stability and reactivity

10.1 Reactivity

- The product is non-reactive under normal conditions of use

10.2 Chemical stability

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- Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

- No dangerous reactions known.

10.4 Conditions to avoid

- No further relevant information available.
- 10.5 Incompatible materials
- No further relevant information available.

10.6 Hazardous Decomposition Products

- Under normal conditions of storage and use, hazardous decomposition products should not be produced
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SECTION 11 Toxicological information

Acute Toxicity Not Classified

11.1 Information on toxicological effects

- LD50 (oral, rat) > 2000 mg/kg
 - LD50 (dermal rat) > 2000 mg/kg
 - Skin contact Not Classified - Eye contact: Not Classified
 - Sensitization: Not Classified
 - Mutagenicity Not Classified
 - Carcinogenicity Not Classified
 - Reproductive toxicity Not Classified
 - STOT-single exposure Not Classified
 - STOT-repeated exposure Not Classified
 - Aspiration hazard Not Classified
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SECTION 12 Ecological information

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment

12.1 Toxicity

- LC50 (Pimephales promelas) 2610 mg/l (96 hr)
- EC50 (daphnia) 1700 mg/l (24 hr)

12.2 Persistence and degradability

- Not applicable

12.3 Bioaccumulation Potential

- Not bioaccumulative

12.4 Mobility in soil

- No further relevant information available.

12.5 Results of PBT and vPvB assessment

- Not Classified as PBT/vPvB by current EU criteria.

12.6 Other Adverse Effects

- No further relevant information available.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Dispose of the product, packaging and any residuals in compliance with local and national regulations
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SECTION 14 Transport information

14.1 UN Number

- UN No.: None

14.2 UN Proper Shipping Name

- Proper Shipping Name: None

14.3 Transport hazard class(es)

- Hazard Class: None

14.4 Packing group

- Packing Group: None

SECTION 14 Transport information (...)

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not applicable

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code - Not applicable

SECTION 15 Regulatory information

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

- No REACH Annex XVII restrictions
- Magnesium sulfate heptahydrate is not on the REACH Candidate List

15.2 Chemical Safety Assessment

SECTION 16 Other information

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its accuracy, reliability or completeness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

--- end of safety datasheet ---
